



## Complete Price Book

Effective October 1, 2015

Updated March 1, 2016

define  
design

deliver



## NSF/ANSI Standard 61

NSF/ANSI Standard 61 is a standard defining the requirements for products that are destined for use in drinking water systems. In summary, the standard requires immersion testing of all products that will come into contact with drinking water for any chemicals, compounds, elements, etc. that may leach into the water that passes through the product.

Hayward products that are NSF 61 certified can easily be found on the NSF website, [www.NSF.org](http://www.NSF.org). Additionally, those products certified to NSF61-G are also certified to NSF/ANSI 372 and conforms with the lead content requirements for "lead free" plumbing as defined by California, Vermont, Maryland and Louisiana state laws and the U.S. Safe Drinking Water Act.

The following Hayward Flow Control products comply with this directive:

| PRODUCT                                         | SIZE         | WATER CONTACT TEMP | WATER CONTACT MATERIAL |
|-------------------------------------------------|--------------|--------------------|------------------------|
| <b>TB SERIES BALL VALVES</b>                    |              |                    |                        |
| Hayward True Union Ball Valve (PVC)             | 1/4" - 4"    | CLD23              | MLTPL                  |
| Hayward True Union Ball Valve (CPVC)            | 1/4" - 4"    | CLD23              | MLTPL                  |
| <b>TC SERIES CHECK VALVES</b>                   |              |                    |                        |
| Hayward True Union Ball Check Valve (PVC)       | 1/4" - 4"    | CLD23              | MLTPL                  |
| Hayward True Union Ball Check Valve (CPVC)      | 1/4" - 4"    | CLD23              | MLTPL                  |
| <b>BYV SERIES BUTTERFLY VALVES</b>              |              |                    |                        |
| Hayward Butterfly Valve (PVC/EPDM)              | 2" - 12"     | CLD23              | MLTPL                  |
| Hayward Butterfly Valve (CPVC/EPDM)             | 4" - 12"     | D. HOT             | MLTPL                  |
| <b>BY SERIES BUTTERFLY VALVES</b>               |              |                    |                        |
| Hayward Butterfly Valve (PVC/EPDM)              | 1-1/2" - 12" | CLD23              | MLTPL                  |
| Hayward Butterfly Valve (CPVC/EPDM)             | 4" - 12"     | D. HOT             | MLTPL                  |
| <b>BYCN SERIES BUTTERFLY VALVES (PVC/EPDM)*</b> | 3" - 8"      | CLD23              | MLTPL                  |
| <b>SIMPLEX SB SERIES STRAINERS**</b>            |              |                    |                        |
| Hayward Simplex Basket Strainer (PVC)           | 1/2" - 8"    | CLD23              | MLTPL                  |
| Hayward Simplex Basket Strainer (CPVC)          | 1/2" - 8"    | D. HOT             | MLTPL                  |
| <b>BFA SERIES (PVC/EPDM) BULKHEAD</b>           | 1/2" - 6"    | CLD23              | MLTPL                  |
| <b>BFAS SERIES (PVC/EPDM) BULKHEAD</b>          | 1/2" - 3"    | CLD23              | MLTPL                  |
| <b>VALVE - OTHER</b>                            |              |                    |                        |
| Universal Stopcock™                             | 1/4"         | CLD23              | MLTPL                  |

\* Certified for use in distribution systems only.

\*\* Certified for use in water treatment plant applications only with a minimum daily flow rate of 3,120 gallons.

NOTE: Unless otherwise indicated for Materials, Certification is only for the Water Contact Material shown in the Listing.

Always consult NSF Listing online as changes and updates may occur.



**THERMOPLASTIC VALVES & ACCESSORIES****Price  
Code****Ball Valves**

|                                                               |       |     |
|---------------------------------------------------------------|-------|-----|
| TB Series True Union Ball Valves .....                        | 4-6   | (A) |
| Actuator Ready TB Series True Union Ball Valves.....          | 7-8   | (C) |
| EA Series Automated True Union Ball Valves .....              | 9     | (C) |
| EAU Series Automated True Union Ball Valves.....              | 9     | (C) |
| <b>NEW</b> ECP Series Automated True Union Ball Valves .....  | 10    | (C) |
| PM Series Automated True Union Ball Valves .....              | 11-12 | (C) |
| TBZ Series "Z-Ball" True Union Ball Valves .....              | 13    | (A) |
| CV Series Profile2™ Proportional Control TU Ball Valves ..... | 14    | (C) |
| Actuator Ready CV Series Profile2™ Control Valves.....        | 15    | (C) |
| Valve Lockouts and Drill Ball .....                           | 16    | (A) |
| Handles, Covers, Stem Extensions and Tags .....               | 16    | (C) |
| QV Series QIC2™ Compact Ball Valves .....                     | 16    | (A) |
| TW Series Three-Way True Union Ball Valves .....              | 17-18 | (B) |
| Actuator Ready TW Series Three-Way Ball Valves.....           | 19    | (C) |
| LA Series Lateral Three-Way True Union Ball Valves .....      | 20-21 | (B) |
| Actuator Ready LA Series Lateral Three Way Ball Valves .....  | 22    | (C) |

**Check Valves**

|                                                          |       |     |
|----------------------------------------------------------|-------|-----|
| TC Series True Union Ball Check Valves .....             | 23-24 | (A) |
| True Union Ball Check Foot Valve Screens .....           | 24    | (B) |
| YC Series Y-Check Valves .....                           | 25-26 | (B) |
| SLC Series Spring Loaded Y-Check Valves .....            | 27    | (C) |
| YC Series True Union Y-Check Valves .....                | 27-28 | (B) |
| SLC Series Spring-Loaded True Union Y-Check Valves ..... | 29    | (C) |
| SW Series Swing Check Valves .....                       | 30    | (C) |
| WCV Series Full Pattern Wafer Check Valves .....         | 31    | (C) |
| WC Series Wafer Check Valves .....                       | 32-33 | (C) |

**Butterfly Valves**

|                                                  |       |     |
|--------------------------------------------------|-------|-----|
| BYV Series Butterfly Valves .....                | 34-37 | (D) |
| Butterfly Valve Options - BYV .....              | 37    | (B) |
| Actuator Ready BYV Series Butterfly Valves ..... | 38-39 | (D) |
| Lock Out Caps - BYV.....                         | 40    | (D) |
| BYB Series Butterfly Valves .....                | 40    | (B) |
| Butterfly Valve Options - BYB.....               | 40    | (B) |
| Actuator Ready BYB Series Butterfly Valves ..... | 41    | (B) |
| Stem Extension Options .....                     | 42-43 | (C) |
| BYCS/BYCN Series Butterfly Valves .....          | 44    | (B) |

**Commercial Valves**

|                                                 |       |     |
|-------------------------------------------------|-------|-----|
| TBB Series True Union Ball Valves .....         | 45-47 | (R) |
| QVC Series Compact Ball Valves .....            | 47-48 | (R) |
| QTA Series True Union Compact Ball Valves ..... | 48    | (R) |
| Parts - Ball, Check and BY .....                | 49-56 | (B) |
| Parts - BYV.....                                | 57    | (D) |

**ACTUATORS & CONTROLS****Price  
Code**

|                                                          |       |     |
|----------------------------------------------------------|-------|-----|
| LHB Series Manual Limit Switch for TB & BYV Series ..... | 58    | (C) |
| SV Series True Union Solenoid Valves.....                | 59    | (C) |
| Electric Actuators & Accessories.....                    | 60-67 | (C) |
| Pneumatic Actuators & Accessories.....                   | 68-70 | (C) |
| Parts .....                                              | 71    | (C) |
| Automated Valve Questionnaire.....                       | 72    |     |

**PRESSURE & FLOW CONTROL****Price  
Code**

|                                                             |       |     |
|-------------------------------------------------------------|-------|-----|
| DAB Series Diaphragm Valves.....                            | 73-76 | (C) |
| Actuator Ready DAB Series Diaphragm Valves.....             | 77-80 | (C) |
| RV Series Pressure Relief Valves .....                      | 81    | (C) |
| PR Series Pressure Regulator Valves .....                   | 81    | (C) |
| AV Series Angle Globe Valves.....                           | 81    | (B) |
| <b>NEW</b> PBV Series Diaphragm Back Pressure Valves .....  | 82    | (B) |
| <b>NEW</b> RPV Series Diaphragm Pressure Relief Valves..... | 82    | (B) |
| <b>COMING SOON</b> CS Series Corporation Stops.....         | 83    | (B) |
| <b>COMING SOON</b> IV Series Injection Valves .....         | 83    | (B) |
| <b>COMING SOON</b> IQ Series Injection Quills .....         | 83    | (B) |
| <b>NEW</b> CCS Series Calibration Cylinders.....            | 84    | (B) |

**PRESSURE & FLOW CONTROL (cont.)****Price  
Code**

|                                    |       |     |
|------------------------------------|-------|-----|
| NVA Series Needle Valves.....      | 85    | (B) |
| Universal Stopcock™ .....          | 85    | (B) |
| AR Series Air Release Valves ..... | 85    | (B) |
| VB Series Vacuum Breaker .....     | 85    | (B) |
| Parts .....                        | 86-88 | (B) |

**BULKHEAD FITTINGS & TANK ACCESSORIES****Price  
Code**

|                                                 |       |     |
|-------------------------------------------------|-------|-----|
| BFAS Series Bulkhead Fittings .....             | 89    | (B) |
| BFA Series Bulkhead Fittings .....              | 90-92 | (B) |
| CCP Series Tank-Tite™ .....                     | 93    | (B) |
| SF Series Self-Aligning Bulkhead Fittings ..... | 93    | (C) |
| Ready Flanges.....                              | 94    | (C) |
| <b>NEW</b> Tank Adapter Fittings.....           | 94    | (B) |
| Parts .....                                     | 95    | (B) |

**STRAINERS****Price  
Code**

|                                                  |         |     |
|--------------------------------------------------|---------|-----|
| SB Series Simplex Basket Strainers.....          | 96-99   | (C) |
| <b>NEW</b> Drain Kit for SB & DB Series .....    | 100     | (C) |
| DB Series Duplex Basket Strainers .....          | 101-103 | (C) |
| Optional 316 Stainless Steel Baskets.....        | 103     | (C) |
| Replacement Baskets (Simplex, Duplex) .....      | 104-105 | (C) |
| YS Series Y-Strainers .....                      | 106-107 | (B) |
| YS Series True Union Y-Strainers.....            | 108     | (B) |
| Replacement Screens (YS Series Y-Strainers)..... | 109     | (B) |
| Parts .....                                      | 110-112 | (B) |

**FILTRATION****Price  
Code**

|                                                      |         |     |
|------------------------------------------------------|---------|-----|
| FLV Series Bag Filters .....                         | 113-115 | (C) |
| PVC & CPVC FLV Series Bag Filters.....               | 116-117 | (C) |
| Filter Bags .....                                    | 118-119 | (C) |
| CFLV Series Cartridge Filters.....                   | 120-121 | (C) |
| CFLV Series Cartridge Filter Adapter Kits.....       | 122     | (C) |
| FLV Series Stainless Steel Baskets.....              | 123     | (C) |
| Single Cartridge Filters For 2-1/2" Cartridges ..... | 123     | (C) |
| Filter Cartridges.....                               | 124     | (C) |
| FLV, FLT and CFLV Series Options.....                | 125     | (C) |
| <b>NEW</b> LS Series Aquatic Sand Filter.....        | 126     | (C) |
| <b>COMING SOON</b> UVH Series Aquatic UV System..... | 126     | (C) |
| Parts .....                                          | 127     | (B) |

**INSTRUMENTATION****Price  
Code**

|                                         |         |     |
|-----------------------------------------|---------|-----|
| <b>NEW</b> Flow Meters .....            | 128-129 | (C) |
| <b>NEW</b> Sensors .....                | 130-131 | (C) |
| GG Series Gauges and Gauge Guards ..... | 132     | (B) |
| <b>NEW</b> Pressure Gauges .....        | 133     | (C) |

**PUMPS****Price  
Code**

|                                                            |         |     |
|------------------------------------------------------------|---------|-----|
| <b>NEW</b> Z Series Solenoid Diaphragm Metering Pumps..... | 134     | (W) |
| <b>NEW</b> Z Series Multifunction Valve .....              | 135     | (W) |
| <b>NEW</b> Z Series Parts & Accessories .....              | 135     | (W) |
| A-Series LifeStar® Aquatic Pump.....                       | 136     | (W) |
| <b>NEW</b> A-Series LifeStar®VS Aquatic Pump.....          | 136     | (W) |
| R Series Magnetic Drive Pumps .....                        | 137-138 | (W) |
| C Series Horizontal End Suction Pumps .....                | 138-139 | (W) |
| T Series Vertical Immersible Pumps .....                   | 140     | (W) |
| D & S Series Vertical Immersible Pumps .....               | 141-143 | (W) |
| In-Tank Filtration Systems for Vertical Pumps .....        | 142     | (W) |
| Parts .....                                                | 144-149 | (W) |
| Instrumentation Questionnaires and Pump Worksheets.....    | 150-153 |     |

**Terms and Conditions of Sale** ..... 155



## TB SERIES TRUE UNION BALL VALVES



TB Series true union ball valves are offered in PVC, CPVC and the new Platinum GFPP. O-rings are FPM or EPDM and seats are PTFE. Up to 2 in. sizes have socket and threaded end connections included. All valves are assembled with silicone free lubricant.

### PVC FPM O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE |
|--------|--------------|--------------|----------|---------------|--------|--------------|--------------|----------|---------------|
| 1/4"   | Socket       | 12           | TB1025S  | \$79.85       | 1-1/2" | Skt/Thd*     | 6            | TB1150ST | \$186.50      |
|        | Threaded     | 12           | TB1025T  | \$79.85       |        | Flanged      | 6            | TB1150F  | \$422.90      |
| 3/8"   | Socket       | 12           | TB1037S  | \$79.85       | 2"     | Skt/Thd*     | 1            | TB1200ST | \$244.25      |
|        | Threaded     | 12           | TB1037T  | \$79.85       |        | Flanged      | 1            | TB1200F  | \$507.45      |
| 1/2"   | Skt/Thd*     | 12           | TB1050ST | \$79.85       | 2-1/2" | Socket       | 1            | TB1250S  | \$582.20      |
|        | Flanged      | 12           | TB1050F  | \$143.30      |        | Threaded     | 1            | TB1250T  | \$582.20      |
| 3/4"   | Skt/Thd*     | 12           | TB1075ST | \$94.30       |        | Flanged      | 1            | TB1250F  | \$868.00      |
|        | Flanged      | 12           | TB1075F  | \$172.20      | 3"     | Socket       | 1            | TB1300S  | \$601.75      |
| 1"     | Skt/Thd*     | 12           | TB1100ST | \$114.50      |        | Threaded     | 1            | TB1300T  | \$601.75      |
|        | Flanged      | 6            | TB1100F  | \$236.65      |        | Flanged      | 1            | TB1300F  | \$1,167.15    |
| 1-1/4" | Skt/Thd*     | 6            | TB1125ST | \$151.90      | 4"     | Socket       | 1            | TB1400S  | \$1,015.75    |
|        | Flanged      | 6            | TB1125F  | \$394.10      |        | Threaded     | 1            | TB1400T  | \$1,015.75    |
|        |              |              |          |               |        | Flanged      | 1            | TB1400F  | \$1,837.40    |
|        |              |              |          |               | 6"***  | Flanged      | 1            | TB1600F  | \$2,522.85    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

### PVC EPDM O-RINGS

| SIZE                                                                                                     | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE |
|----------------------------------------------------------------------------------------------------------|--------------|--------------|-----------|---------------|--------|--------------|--------------|-----------|---------------|
| 1/2"                                                                                                     | Skt/Thd*     | 12           | TB1050STE | \$70.15       | 2"     | Skt/Thd*     | 1            | TB1200STE | \$219.30      |
|                                                                                                          | Flanged      | 12           | TB1050FE  | \$128.80      |        | Flanged      | 1            | TB1200FE  | \$465.20      |
| 3/4"                                                                                                     | Skt/Thd*     | 12           | TB1075STE | \$86.55       | 2-1/2" | Socket       | 1            | TB1250SE  | \$493.35      |
|                                                                                                          | Flanged      | 12           | TB1075FE  | \$157.70      |        | Threaded     | 1            | TB1250TE  | \$493.35      |
| 1"                                                                                                       | Skt/Thd*     | 12           | TB1100STE | \$100.10      |        | Flanged      | 1            | TB1250FE  | \$851.95      |
|                                                                                                          | Flanged      | 6            | TB1100FE  | \$213.50      | 3"     | Socket       | 1            | TB1300SE  | \$510.70      |
| 1-1/4"                                                                                                   | Skt/Thd*     | 6            | TB1125STE | \$132.80      |        | Threaded     | 1            | TB1300TE  | \$510.70      |
|                                                                                                          | Flanged      | 6            | TB1125FE  | \$342.15      |        | Flanged      | 1            | TB1300FE  | \$1,031.10    |
| 1-1/2"                                                                                                   | Skt/Thd*     | 6            | TB1150STE | \$167.30      | 4"     | Socket       | 1            | TB1400SE  | \$898.70      |
|                                                                                                          | Flanged      | 6            | TB1150FE  | \$396.05      |        | Threaded     | 1            | TB1400TE  | \$898.70      |
|                                                                                                          |              |              |           |               |        | Flanged      | 1            | TB1400FE  | \$1,649.55    |
|                                                                                                          |              |              |           |               | 6"***  | Flanged      | 1            | TB1600FE  | \$2,424.90    |
| * 1/2" - 2" valves are supplied with socket and threaded end connectors.<br>** 4" valve venturied to 6". |              |              |           |               |        |              |              |           |               |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".



## TB SERIES TRUE UNION BALL VALVES (cont.)



TB Series true union ball valves are offered in PVC, CPVC and the new Platinum GFPP. O-rings are FPM or EPDM and seats are PTFE. Up to 2 in. sizes have socket and threaded end connections included. All valves are assembled with silicone free lubricant.

### CPVC FPM O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE |
|--------|--------------|--------------|----------|---------------|--------|--------------|--------------|----------|---------------|
| 1/2"   | Skt/Thd*     | 12           | TB2050ST | \$111.35      | 2"     | Skt/Thd*     | 1            | TB2200ST | \$384.90      |
|        | Flanged      | 12           | TB2050F  | \$187.60      |        | Flanged      | 1            | TB2200F  | \$827.35      |
| 3/4"   | Skt/Thd*     | 12           | TB2075ST | \$138.35      | 2-1/2" | Socket       | 1            | TB2250S  | \$1,097.80    |
|        | Flanged      | 12           | TB2075F  | \$215.75      |        | Threaded     | 1            | TB2250T  | \$1,097.80    |
| 1"     | Skt/Thd*     | 12           | TB2100ST | \$169.25      |        | Flanged      | 1            | TB2250F  | \$1,304.95    |
|        | Flanged      | 6            | TB2100F  | \$317.10      | 3"     | Socket       | 1            | TB2300S  | \$1,131.85    |
| 1-1/4" | Skt/Thd*     | 6            | TB2125ST | \$234.10      |        | Threaded     | 1            | TB2300T  | \$1,131.85    |
|        | Flanged      | 6            | TB2125F  | \$518.55      |        | Flanged      | 1            | TB2300F  | \$1,869.30    |
| 1-1/2" | Skt/Thd*     | 6            | TB2150ST | \$280.35      | 4"     | Socket       | 1            | TB2400S  | \$1,941.05    |
|        | Flanged      | 6            | TB2150F  | \$574.60      |        | Threaded     | 1            | TB2400T  | \$1,941.05    |
|        |              |              |          |               |        | Flanged      | 1            | TB2400F  | \$3,090.25    |
|        |              |              |          |               | 6"***  | Flanged      | 1            | TB2600F  | \$4,394.10    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

### CPVC EPDM O-RINGS

| SIZE                                                                     | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE |
|--------------------------------------------------------------------------|--------------|--------------|-----------|---------------|--------|--------------|--------------|-----------|---------------|
| 1/2"                                                                     | Skt/Thd*     | 12           | TB2050STE | \$104.50      | 2"     | Skt/Thd*     | 1            | TB2200STE | \$365.40      |
|                                                                          | Flanged      | 12           | TB2050FE  | \$174.15      |        | Flanged      | 1            | TB2200FE  | \$730.85      |
| 3/4"                                                                     | Skt/Thd*     | 12           | TB2075STE | \$131.65      | 2-1/2" | Socket       | 1            | TB2250SE  | \$1,031.35    |
|                                                                          | Flanged      | 12           | TB2075FE  | \$201.20      |        | Threaded     | 1            | TB2250TE  | \$1,031.35    |
| 1"                                                                       | Skt/Thd*     | 12           | TB2100STE | \$159.70      |        | Flanged      | 1            | TB2250FE  | \$1,114.20    |
|                                                                          | Flanged      | 6            | TB2100FE  | \$293.95      | 3"     | Socket       | 1            | TB2300SE  | \$1,062.75    |
| 1-1/4"                                                                   | Skt/Thd*     | 6            | TB2125STE | \$222.40      |        | Threaded     | 1            | TB2300TE  | \$1,062.75    |
|                                                                          | Flanged      | 6            | TB2125FE  | \$454.45      |        | Flanged      | 1            | TB2300FE  | \$1,604.00    |
| 1-1/2"                                                                   | Skt/Thd*     | 6            | TB2150STE | \$264.95      | 4"     | Socket       | 1            | TB2400SE  | \$1,823.15    |
|                                                                          | Flanged      | 6            | TB2150FE  | \$531.65      |        | Threaded     | 1            | TB2400TE  | \$1,823.15    |
|                                                                          |              |              |           |               |        | Flanged      | 1            | TB2400FE  | \$2,948.50    |
|                                                                          |              |              |           |               | 6"***  | Flanged      | 1            | TB2600FE  | \$3,985.40    |
| * 1/2" - 2" valves are supplied with socket and threaded end connectors. |              |              |           |               |        |              |              |           |               |
| ** 4" valve venturied to 6".                                             |              |              |           |               |        |              |              |           |               |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".



## TB SERIES TRUE UNION BALL VALVES

*TB Series true union ball valves are offered in PVC, CPVC and the new Platinum GFPP. O-rings are FPM or EPDM and seats are PTFE. Up to 2 in. sizes have socket and threaded end connections included. All valves are assembled with silicone free lubricant.*

**NOW OFFERING  
SOCKET FUSION**

### GFPP FPM O-RINGS

| SIZE | END CONN.  | CTN. QTY. | PART NO.  | LIST PRICE | SIZE   | END CONN.  | CTN. QTY. | PART NO.  | LIST PRICE |
|------|------------|-----------|-----------|------------|--------|------------|-----------|-----------|------------|
| 1/2" | Threaded   | 12        | TB4P050T  | \$129.60   | 1-1/4" | Threaded   | 6         | TB4P125T  | \$272.60   |
|      | Skt Fusion | 12        | TB4P050S  | \$129.60   |        | Flanged    | 6         | TB4P125F  | \$685.20   |
| DN15 | Skt Fusion | 12        | TB4P015MS | \$129.60   |        | Skt Fusion | 6         | TB4P125S  | \$272.60   |
| 3/4" | Threaded   | 12        | TB4P075T  | \$157.35   | DN32   | Skt Fusion | 6         | TB4P032MS | \$272.60   |
|      | Skt Fusion | 12        | TB4P075S  | \$157.35   |        | Threaded   | 6         | TB4P150T  | \$311.80   |
| DN20 | Skt Fusion | 12        | TB4P020MS | \$157.35   | 1-1/2" | Flanged    | 6         | TB4P150F  | \$909.95   |
| 1"   | Threaded   | 12        | TB4P100T  | \$184.15   |        | Skt Fusion | 6         | TB4P150S  | \$311.80   |
|      | Flanged    | 12        | TB4P100F  | \$603.75   | DN40   | Skt Fusion | 6         | TB4P040MS | \$311.80   |
|      | Skt Fusion | 12        | TB4P100S  | \$184.15   |        | Threaded   | 1         | TB4P200T  | \$423.20   |
| DN25 | Skt Fusion | 12        | TB4P025MS | \$184.15   | 2"     | Flanged    | 1         | TB4P200F  | \$909.95   |
|      |            |           |           |            |        | Skt Fusion | 1         | TB4P200S  | \$423.20   |
|      |            |           |           |            | DN50   | Skt Fusion | 1         | TB4P050MS | \$423.20   |

### GFPP EPDM O-RINGS

| SIZE | END CONN.  | CTN. QTY. | PART NO.   | LIST PRICE | SIZE   | END CONN.  | CTN. QTY. | PART NO.   | LIST PRICE |
|------|------------|-----------|------------|------------|--------|------------|-----------|------------|------------|
| 1/2" | Threaded   | 12        | TB4P050TE  | \$112.15   | 1-1/4" | Threaded   | 6         | TB4P125TE  | \$235.95   |
|      | Skt Fusion | 12        | TB4P050SE  | \$112.15   |        | Flanged    | 6         | TB4P125FE  | \$620.50   |
| DN15 | Skt Fusion | 12        | TB4P015MSE | \$112.15   |        | Skt Fusion | 6         | TB4P125SE  | \$235.95   |
| 3/4" | Threaded   | 12        | TB4P075TE  | \$136.60   | DN32   | Skt Fusion | 6         | TB4P032MSE | \$235.95   |
|      | Skt Fusion | 12        | TB4P075SE  | \$136.60   |        | Threaded   | 6         | TB4P150TE  | \$277.90   |
| DN20 | Skt Fusion | 12        | TB4P020MSE | \$136.60   | 1-1/2" | Flanged    | 6         | TB4P150FE  | \$822.10   |
| 1"   | Threaded   | 12        | TB4P100TE  | \$167.50   |        | Skt Fusion | 6         | TB4P150SE  | \$277.90   |
|      | Flanged    | 12        | TB4P100FE  | \$530.40   | DN40   | Skt Fusion | 6         | TB4P040MSE | \$277.90   |
|      | Skt Fusion | 12        | TB4P100SE  | \$167.50   |        | Threaded   | 1         | TB4P200TE  | \$370.80   |
| DN25 | Skt Fusion | 12        | TB4P025MSE | \$167.50   | 2"     | Flanged    | 1         | TB4P200FE  | \$822.10   |
|      |            |           |            |            |        | Skt Fusion | 1         | TB4P200SE  | \$370.80   |
|      |            |           |            |            | DN50   | Skt Fusion | 1         | TB4P050MSE | \$370.80   |



# TB SERIES TRUE UNION BALL VALVES

## \*\*ACTUATION READY\*\*



**BALL VALVES**

TB Series true union ball valves are offered in PVC, CPVC and the new Platinum GFPP. O-rings are FPM or EPDM and seats are PTFE. Up to 2 in. sizes have socket and threaded end connections. A trigger style lockout handle is an option. All valves are assembled with silicone free lubricant.

These prices include a mounting kit and installation when purchased with an actuator.

| PVC/FPM          |                |            | PVC/EPDM       |            | CPVC/FPM       |            | CPVC/EPDM      |            |
|------------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|
| Size/End Conn    | Part No.       | List Price | Part No.       | List Price | Part No.       | List Price | Part No.       | List Price |
| 1/2" SKT/THD**   | HCTB1050STACTV | \$97.75    | HCTB1050STACTE | \$95.85    | HCTB2050STACTV | \$135.35   | HCTB2050STACTE | \$133.65   |
| 1/2" Flanged     | HCTB1050FLACTV | \$109.60   | HCTB1050FLACTE | \$107.50   | HCTB2050FLACTV | \$155.90   | HCTB2050FLACTE | \$153.95   |
| 3/4" SKT/THD**   | HCTB1075STACTV | \$107.50   | HCTB1075STACTE | \$105.20   | HCTB2075STACTV | \$146.40   | HCTB2075STACTE | \$140.95   |
| 3/4" Flanged     | HCTB1075FLACTV | \$120.05   | HCTB1075FLACTE | \$116.25   | HCTB2075FLACTV | \$168.80   | HCTB2075FLACTE | \$165.00   |
| 1" SKT/THD**     | HCTB1100STACTV | \$127.90   | HCTB1100STACTE | \$125.45   | HCTB2100STACTV | \$179.80   | HCTB2100STACTE | \$176.15   |
| 1" Flanged       | HCTB1100FLACTV | \$151.25   | HCTB1100FLACTE | \$147.60   | HCTB2100FLACTV | \$215.15   | HCTB2100FLACTE | \$211.35   |
| 1-1/4" SKT/THD** | HCTB1125STACTV | \$149.40   | HCTB1125STACTE | \$145.60   | HCTB2125STACTV | \$209.60   | HCTB2125STACTE | \$205.70   |
| 1-1/4" Flanged   | HCTB1125FLACTV | \$177.00   | HCTB1125FLACTE | \$173.25   | HCTB2125FLACTV | \$250.15   | HCTB2125FLACTE | \$246.70   |
| 1-1/2" SKT/THD** | HCTB1150STACTV | \$149.40   | HCTB1150STACTE | \$145.60   | HCTB2150STACTV | \$209.60   | HCTB2150STACTE | \$205.70   |
| 1-1/2" Flanged   | HCTB1150FLACTV | \$177.00   | HCTB1150FLACTE | \$173.25   | HCTB2150FLACTV | \$251.25   | HCTB2150FLACTE | \$246.70   |
| 2" SKT/THD**     | HCTB1200STACTV | \$193.50   | HCTB1200STACTE | \$188.10   | HCTB2200STACTV | \$270.85   | HCTB2200STACTE | \$263.25   |
| 2" Flanged       | HCTB1200FLACTV | \$236.05   | HCTB1200FLACTE | \$230.80   | HCTB2200FLACTV | \$330.10   | HCTB2200FLACTE | \$322.60   |
| 2-1/2" Threaded  | HCTB1250TACTV  | \$478.35   | HCTB1250TACTE  | \$461.70   | HCTB2250TACTV  | \$695.80   | HCTB2250TACTE  | \$680.30   |
| 2-1/2" Socket    | HCTB1250SACTV  | \$478.35   | HCTB1250SACTE  | \$461.70   | HCTB2250SACTV  | \$695.80   | HCTB2250SACTE  | \$680.30   |
| 2-1/2" Flanged   | HCTB1250FACTV  | \$541.65   | HCTB1250FACTE  | \$526.95   | HCTB2250FACTV  | \$797.60   | HCTB2250FACTE  | \$780.55   |
| 3" Threaded      | HCTB1300TACTV  | \$478.35   | HCTB1300TACTE  | \$461.70   | HCTB2300TACTV  | \$695.80   | HCTB2300TACTE  | \$680.30   |
| 3" Socket        | HCTB1300SACTV  | \$478.35   | HCTB1300SACTE  | \$461.70   | HCTB2300SACTV  | \$695.80   | HCTB2300SACTE  | \$680.30   |
| 3" Flanged       | HCTB1300FACTV  | \$541.65   | HCTB1300FACTE  | \$526.95   | HCTB2300FACTV  | \$797.60   | HCTB2300FACTE  | \$780.55   |
| 4" Threaded      | HCTB1400TACTV  | \$653.40   | HCTB1400TACTE  | \$634.80   | HCTB2400TACTV  | \$958.00   | HCTB2400TACTE  | \$939.35   |
| 4" Socket        | HCTB1400SACTV  | \$653.40   | HCTB1400SACTE  | \$634.80   | HCTB2400SACTV  | \$958.00   | HCTB2400SACTE  | \$939.35   |
| 4" Flanged       | HCTB1400FACTV  | \$746.45   | HCTB1400FACTE  | \$726.05   | HCTB2400FACTV  | \$1,092.20 | HCTB2400FACTE  | \$1,075.35 |
| 6" Flanged*      | HCTB1600FACTV  | \$1,414.60 | HCTB1600FACTE  | \$1,319.90 | HCTB2600FACTV  | \$2,201.80 | HCTB2600FACTE  | \$1,975.90 |

\* 4" valve venturied to 6".

\*\* 1/2" thru 2" valves have socket and threaded end connections.

# TB SERIES GFPP TRUE UNION BALL VALVES

**\*\*ACTUATION READY\*\***

**NOW OFFERING  
SOCKET FUSION**

| FPM O-RINGS          |                 |            | EPDM O-RINGS    |            |
|----------------------|-----------------|------------|-----------------|------------|
| Size/End Conn        | Part No.        | List Price | Part No.        | List Price |
| 1/2" Threaded        | HCTB4P050TACTV  | \$158.80   | HCTB4P050TACTE  | \$137.70   |
| 1/2" Socket Fusion   | HCTB4P050SACTV  | \$158.80   | HCTB4P050SACTE  | \$137.70   |
| DN15 Socket Fusion   | HCTB4P015MSACTV | \$158.80   | HCTB4P015MSACTE | \$137.70   |
| 3/4" Threaded        | HCTB4P075TACTV  | \$166.55   | HCTB4P075TACTE  | \$155.80   |
| 3/4" Socket Fusion   | HCTB4P075SACTV  | \$166.55   | HCTB4P075SACTE  | \$155.80   |
| DN20 Socket Fusion   | HCTB4P020MSACTV | \$166.55   | HCTB4P020MSACTE | \$155.80   |
| 1" Threaded          | HCTB4P100TACTV  | \$194.80   | HCTB4P100TACTE  | \$187.15   |
| 1" Flanged           | HCTB4P100TACTFV | \$223.40   | HCTB4P100TACTFE | \$206.35   |
| 1" Socket Fusion     | HCTB4P100SACTV  | \$194.80   | HCTB4P100SACTE  | \$187.15   |
| DN25 Socket Fusion   | HCTB4P025MSACTV | \$194.80   | HCTB4P025MSACTE | \$187.15   |
| 1-1/4" Threaded      | HCTB4P125TACTV  | \$218.10   | HCTB4P125TACTE  | \$189.60   |
| 1-1/4" Flanged       | HCTB4P125TACTFV | \$291.45   | HCTB4P125TACTFE | \$266.25   |
| 1-1/4" Socket Fusion | HCTB4P125SACTV  | \$218.10   | HCTB4P125SACTE  | \$189.60   |
| DN32 Socket Fusion   | HCTB4P032MSACTV | \$218.10   | HCTB4P032MSACTE | \$189.60   |
| 1-1/2" Threaded      | HCTB4P150TACTV  | \$233.15   | HCTB4P150TACTE  | \$228.55   |
| 1-1/2" Flanged       | HCTB4P150TACTFV | \$299.50   | HCTB4P150TACTFE | \$288.65   |
| 1-2" Socket Fusion   | HCTB4P150SACTV  | \$233.15   | HCTB4P150SACTE  | \$228.55   |
| DN40 Socket Fusion   | HCTB4P040MSACTV | \$233.15   | HCTB4P040MSACTE | \$228.55   |
| 2" Threaded          | HCTB4P200TACTV  | \$297.70   | HCTB4P200TACTE  | \$278.20   |
| 2" Flanged           | HCTB4P200TACTFV | \$423.20   | HCTB4P200TACTFE | \$382.40   |
| 2" Socket Fusion     | HCTB4P200SACTV  | \$297.70   | HCTB4P200SACTE  | \$278.20   |
| DN50 Socket Fusion   | HCTB4P050MSACTV | \$297.70   | HCTB4P050MSACTE | \$278.20   |



## EA SERIES AUTOMATED TRUE UNION BALL VALVES

Low cost, full featured 115 VAC electrical actuator combination. TB Series true union ball valves have EPDM seals, and socket and threaded end connections. Price includes valve and actuator.

| PVC/EPDM SEALS |                 |             |            |
|----------------|-----------------|-------------|------------|
| Size           | End Conn.       | Part No.    | List Price |
| 1/2"           | Socket/Threaded | EATB1050STE | \$357.85   |
| 3/4"           | Socket/Threaded | EATB1075STE | \$365.00   |
| 1"             | Socket/Threaded | EATB1100STE | \$375.50   |
| 1-1/2"         | Socket/Threaded | EATB1150STE | \$396.75   |
| 2"             | Socket/Threaded | EATB1200STE | \$416.50   |



## EAU SERIES AUTOMATED TRUE UNION BALL VALVES

High performance Series EAU 115 VAC electric actuator with prewired terminal strip and one auxiliary limit switch, mounted to a TB Series true union ball valve. Valve has socket and threaded end connections. Price includes valve and actuator.

| PVC/EPDM SEALS |                 |             |            |
|----------------|-----------------|-------------|------------|
| Size           | End Conn.       | Part No.    | List Price |
| 1/2"           | Socket/Threaded | EAUTB105STE | \$482.15   |
| 3/4"           | Socket/Threaded | EAUTB107STE | \$490.85   |
| 1"             | Socket/Threaded | EAUTB110STE | \$508.65   |
| 1-1/2"         | Socket/Threaded | EAUTB115STE | \$529.75   |
| 2"             | Socket/Threaded | EAUTB120STE | \$570.75   |

| PVC/FPM SEALS |                 |             |            |
|---------------|-----------------|-------------|------------|
| Size          | End Conn.       | Part No.    | List Price |
| 1/2"          | Socket/Threaded | EAUTB105STV | \$483.85   |
| 3/4"          | Socket/Threaded | EAUTB107STV | \$494.60   |
| 1"            | Socket/Threaded | EAUTB110STV | \$512.00   |
| 1-1/2"        | Socket/Threaded | EAUTB115STV | \$533.55   |
| 2"            | Socket/Threaded | EAUTB120STV | \$575.65   |

| CPVC/EPDM SEALS |                 |             |            |
|-----------------|-----------------|-------------|------------|
| Size            | End Conn.       | Part No.    | List Price |
| 1/2"            | Socket/Threaded | EAUTB205STE | \$515.70   |
| 3/4"            | Socket/Threaded | EAUTB207STE | \$526.40   |
| 1"              | Socket/Threaded | EAUTB210STE | \$556.25   |
| 1-1/2"          | Socket/Threaded | EAUTB215STE | \$584.80   |
| 2"              | Socket/Threaded | EAUTB220STE | \$641.45   |

| CPVC/FPM SEALS |                 |             |            |
|----------------|-----------------|-------------|------------|
| Size           | End Conn.       | Part No.    | List Price |
| 1/2"           | Socket/Threaded | EAUTB205STV | \$517.40   |
| 3/4"           | Socket/Threaded | EAUTB207STV | \$529.75   |
| 1"             | Socket/Threaded | EAUTB210STV | \$561.60   |
| 1-1/2"         | Socket/Threaded | EAUTB215STV | \$588.15   |
| 2"             | Socket/Threaded | EAUTB220STV | \$648.55   |



## ECP SERIES AUTOMATED TRUE UNION BALL VALVES



High performance ECP Series 120/230 VAC electric actuator with four auxiliary limit switches, mounted to a TB Series true union ball valve. Valve has socket and threaded end connections. Price includes valve and actuator.

| PVC/EPDM SEALS |                 |             |            |
|----------------|-----------------|-------------|------------|
| Size           | End Conn.       | Part No.    | List Price |
| 1/2"           | Socket/Threaded | ECPTB105STE | \$607.50   |
| 3/4"           | Socket/Threaded | ECPTB107STE | \$613.50   |
| 1"             | Socket/Threaded | ECPTB110STE | \$618.30   |
| 1-1/2"         | Socket/Threaded | ECPTB115STE | \$642.30   |
| 2"             | Socket/Threaded | ECPTB120STE | \$660.30   |

| PVC/FPM SEALS |                 |             |            |
|---------------|-----------------|-------------|------------|
| Size          | End Conn.       | Part No.    | List Price |
| 1/2"          | Socket/Threaded | ECPTB105STV | \$611.10   |
| 3/4"          | Socket/Threaded | ECPTB107STV | \$615.90   |
| 1"            | Socket/Threaded | ECPTB110STV | \$623.10   |
| 1-1/2"        | Socket/Threaded | ECPTB115STV | \$648.30   |
| 2"            | Socket/Threaded | ECPTB120STV | \$669.95   |

| CPVC/EPDM SEALS |                 |             |            |
|-----------------|-----------------|-------------|------------|
| Size            | End Conn.       | Part No.    | List Price |
| 1/2"            | Socket/Threaded | ECPTB205STE | \$619.50   |
| 3/4"            | Socket/Threaded | ECPTB207STE | \$629.10   |
| 1"              | Socket/Threaded | ECPTB210STE | \$638.70   |
| 1-1/2"          | Socket/Threaded | ECPTB215STE | \$675.95   |
| 2"              | Socket/Threaded | ECPTB220STE | \$711.95   |

| CPVC/FPM SEALS |                 |             |            |
|----------------|-----------------|-------------|------------|
| Size           | End Conn.       | Part No.    | List Price |
| 1/2"           | Socket/Threaded | ECPTB205STV | \$621.95   |
| 3/4"           | Socket/Threaded | ECPTB207STV | \$631.50   |
| 1"             | Socket/Threaded | ECPTB210STV | \$642.30   |
| 1-1/2"         | Socket/Threaded | ECPTB215STV | \$681.95   |
| 2"             | Socket/Threaded | ECPTB220STV | \$719.15   |



## PM SERIES AUTOMATED TRUE UNION BALL VALVES

Cost effective, rack-and-pinion pneumatically actuated PMD or PMS Series actuator and TB Series true union ball valve complete with solenoid. Valve has socket and threaded end connections. Price includes valve and actuator.

### DOUBLE ACTING

| PVC/FPM SEALS |                 |               |            |
|---------------|-----------------|---------------|------------|
| Size          | End Conn.       | Part No.      | List Price |
| 1/2"          | Socket/Threaded | PMDTB105STVA8 | \$552.35   |
| 3/4"          | Socket/Threaded | PMDTB107STVA8 | \$561.70   |
| 1"            | Socket/Threaded | PMDTB110STVA8 | \$581.25   |
| 1-1/2"        | Socket/Threaded | PMDTB115STVA8 | \$602.10   |
| 2"            | Socket/Threaded | PMDTB120STVA8 | \$644.75   |

| PVC/EPDM SEALS |                 |               |            |
|----------------|-----------------|---------------|------------|
| Size           | End Conn.       | Part No.      | List Price |
| 1/2"           | Socket/Threaded | PMDTB105STEA8 | \$541.85   |
| 3/4"           | Socket/Threaded | PMDTB107STEA8 | \$549.55   |
| 1"             | Socket/Threaded | PMDTB110STEA8 | \$570.45   |
| 1-1/2"         | Socket/Threaded | PMDTB115STEA8 | \$586.60   |
| 2"             | Socket/Threaded | PMDTB120STEA8 | \$626.80   |

| CPVC/FPM SEALS |                 |               |            |
|----------------|-----------------|---------------|------------|
| Size           | End Conn.       | Part No.      | List Price |
| 1/2"           | Socket/Threaded | PMDTB205STVA8 | \$587.80   |
| 3/4"           | Socket/Threaded | PMDTB207STVA8 | \$598.50   |
| 1"             | Socket/Threaded | PMDTB210STVA8 | \$630.50   |
| 1-1/2"         | Socket/Threaded | PMDTB215STVA8 | \$659.00   |
| 2"             | Socket/Threaded | PMDTB220STVA8 | \$717.80   |

| CPVC/EPDM SEALS |                 |               |            |
|-----------------|-----------------|---------------|------------|
| Size            | End Conn.       | Part No.      | List Price |
| 1/2"            | Socket/Threaded | PMDTB205STEA8 | \$564.25   |
| 3/4"            | Socket/Threaded | PMDTB207STEA8 | \$576.15   |
| 1"              | Socket/Threaded | PMDTB210STEA8 | \$617.45   |
| 1-1/2"          | Socket/Threaded | PMDTB215STEA8 | \$646.65   |
| 2"              | Socket/Threaded | PMDTB220STEA8 | \$697.65   |

\* EPDM seals available, consult factory.



## PM SERIES AUTOMATED TRUE UNION BALL VALVES (cont.)

*Cost effective, rack-and-pinion pneumatically actuated PMD or PMS Series actuator and TB Series true union ball valve complete with solenoid. Valve has socket and threaded end connections. Price includes valve and actuator.*

### SPRING RETURN

| PVC/FPM SEALS |                 |               |            |
|---------------|-----------------|---------------|------------|
| Size          | End Conn.       | Part No.      | List Price |
| 1/2"          | Socket/Threaded | PMSTB105STVA9 | \$592.80   |
| 3/4"          | Socket/Threaded | PMSTB107STVA9 | \$602.15   |
| 1"            | Socket/Threaded | PMSTB110STVA9 | \$622.00   |
| 1-1/2"        | Socket/Threaded | PMSTB115STVA9 | \$639.25   |
| 2"            | Socket/Threaded | PMSTB120STVA9 | \$671.35   |

| PVC/EPDM SEALS |                 |               |            |
|----------------|-----------------|---------------|------------|
| Size           | End Conn.       | Part No.      | List Price |
| 1/2"           | Socket/Threaded | PMSTB105STEA9 | \$581.45   |
| 3/4"           | Socket/Threaded | PMSTB107STEA9 | \$589.05   |
| 1"             | Socket/Threaded | PMSTB110STEA9 | \$610.25   |
| 1-1/2"         | Socket/Threaded | PMSTB115STEA9 | \$622.85   |
| 2"             | Socket/Threaded | PMSTB120STEA9 | \$652.65   |

| CPVC/FPM SEALS |                 |               |            |
|----------------|-----------------|---------------|------------|
| Size           | End Conn.       | Part No.      | List Price |
| 1/2"           | Socket/Threaded | PMSTB205STVA9 | \$642.95   |
| 3/4"           | Socket/Threaded | PMSTB207STVA9 | \$685.65   |
| 1"             | Socket/Threaded | PMSTB210STVA9 | \$628.50   |
| 1-1/2"         | Socket/Threaded | PMSTB215STVA9 | \$700.10   |
| 2"             | Socket/Threaded | PMSTB220STVA9 | \$759.00   |

| CPVC/EPDM SEALS |                 |               |            |
|-----------------|-----------------|---------------|------------|
| Size            | End Conn.       | Part No.      | List Price |
| 1/2"            | Socket/Threaded | PMSTB205STEA9 | \$617.20   |
| 3/4"            | Socket/Threaded | PMSTB207STEA9 | \$660.05   |
| 1"              | Socket/Threaded | PMSTB210STEA9 | \$615.55   |
| 1-1/2"          | Socket/Threaded | PMSTB215STEA9 | \$686.85   |
| 2"              | Socket/Threaded | PMSTB220STEA9 | \$737.75   |



# TBZ SERIES "Z-BALL" TRUE UNION BALL VALVES

Drilled ball and FPM o-rings ONLY for use with Sodium Hypochlorite specifically.  
For other vented applications, consult factory.

## PVC FPM O-RINGS

| SIZE                                                                                                     | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE |
|----------------------------------------------------------------------------------------------------------|--------------|--------------|-----------|---------------|--------|--------------|--------------|-----------|---------------|
| 1/2"                                                                                                     | Skt/Thd*     | 12           | TB1050STZ | \$131.95      | 2"     | Skt/Thd*     | 1            | TB1200STZ | \$296.30      |
|                                                                                                          | Flanged      | 12           | TB1050FZ  | \$195.45      |        | Flanged      | 1            | TB1200FZ  | \$559.50      |
| 3/4"                                                                                                     | Skt/Thd*     | 12           | TB1075STZ | \$146.35      | 2-1/2" | Socket       | 1            | TB1250SZ  | \$669.75      |
|                                                                                                          | Flanged      | 12           | TB1075FZ  | \$224.15      |        | Threaded     | 1            | TB1250TZ  | \$669.75      |
| 1"                                                                                                       | Skt/Thd*     | 12           | TB1100STZ | \$166.55      |        | Flanged      | 1            | TB1250FZ  | \$955.50      |
|                                                                                                          | Flanged      | 6            | TB1100FZ  | \$288.60      |        | Socket       | 1            | TB1300SZ  | \$689.30      |
| 1-1/4"                                                                                                   | Skt/Thd*     | 6            | TB1125STZ | \$203.95      | 3"     | Threaded     | 1            | TB1300TZ  | \$689.30      |
|                                                                                                          | Flanged      | 6            | TB1125FZ  | \$446.00      |        | Flanged      | 1            | TB1300FZ  | \$1,254.70    |
| 1-1/2"                                                                                                   | Skt/Thd*     | 6            | TB1150STZ | \$238.50      | 4"     | Socket       | 1            | TB1400SZ  | \$1,103.25    |
|                                                                                                          | Flanged      | 6            | TB1150FZ  | \$475.05      |        | Threaded     | 1            | TB1400TZ  | \$1,103.25    |
| * 1/2" - 2" valves are supplied with socket and threaded end connectors.<br>** 4" valve venturied to 6". |              |              |           |               |        | Flanged      | 1            | TB1400FZ  | \$1,924.85    |
|                                                                                                          |              |              |           |               |        | 6"***        | 1            | TB1600FZ  | \$2,610.45    |

## CPVC FPM O-RINGS

| SIZE                                                                                                     | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.   | LIST<br>PRICE |
|----------------------------------------------------------------------------------------------------------|--------------|--------------|-----------|---------------|--------|--------------|--------------|------------|---------------|
| 1/2"                                                                                                     | Skt/Thd*     | 12           | TB2050STZ | \$163.65      | 2"     | Skt/Thd*     | 1            | TB2200STZ  | \$437.20      |
|                                                                                                          | Flanged      | 12           | TB2050FZ  | \$240.00      |        | Flanged      | 1            | TB2200FZ   | \$879.75      |
| 3/4"                                                                                                     | Skt/Thd*     | 12           | TB2075STZ | \$190.75      | 2-1/2" | Socket       | 1            | TB2250SZ   | \$1,186.55    |
|                                                                                                          | Flanged      | 12           | TB2075FZ  | \$268.10      |        | Threaded     | 1            | TB2250TZ   | \$1,186.55    |
| 1"                                                                                                       | Skt/Thd*     | 12           | TB2100STZ | \$221.65      |        | Flanged      | 1            | TB2250FZ   | \$1,393.75    |
|                                                                                                          | Flanged      | 6            | TB2100FZ  | \$369.40      | 3"     | Socket       | 1            | TB2300SZ   | \$1,220.75    |
| 1-1/4"                                                                                                   | Skt/Thd*     | 6            | TB2125STZ | \$286.40      |        | Threaded     | 1            | TB2300TZ   | \$1,220.75    |
|                                                                                                          | Flanged      | 6            | TB2125FZ  | \$570.90      |        | Flanged      | 1            | TB2300FZ   | \$1,958.25    |
| 1-1/2"                                                                                                   | Skt/Thd*     | 6            | TB2150STZ | \$332.70      | 4"     | Socket       | 1            | TB2400SZ   | \$2,029.95    |
|                                                                                                          | Flanged      | 6            | TB2150FZ  | \$627.00      |        | Threaded     | 1            | TB2400TZ   | \$2,029.95    |
| * 1/2" - 2" valves are supplied with socket and threaded end connectors.<br>** 4" valve venturied to 6". |              |              |           |               |        | Flanged      | 1            | TB2400FZ   | \$3,179.15    |
|                                                                                                          |              |              |           |               | 6"***  | 1            | TB2600FZ     | \$4,482.95 |               |



# CV SERIES PROFILE2™ PROPORTIONAL CONTROL TRUE UNION BALL VALVES

*Provides two linear flow curves – one for fast opening, one for slow opening.*

## PVC FPM O-RINGS

| SIZE  | END CONN. | PART NO.  | LIST PRICE        |
|-------|-----------|-----------|-------------------|
| 1/2"  | Skt/Thd*  | CV1050STV | <b>\$146.20</b>   |
|       | Flanged   | CV1050FV  | <b>\$226.85</b>   |
| 3/4"  | Skt/Thd*  | CV1075STV | <b>\$146.20</b>   |
|       | Flanged   | CV1075FV  | <b>\$226.85</b>   |
| 1"    | Skt/Thd*  | CV1100STV | <b>\$146.20</b>   |
|       | Flanged   | CV1100FV  | <b>\$226.85</b>   |
| 2"    | Skt/Thd*  | CV1200STV | <b>\$234.60</b>   |
|       | Flanged   | CV1200FV  | <b>\$394.10</b>   |
| 3"    | Socket    | CV1300SV  | <b>\$427.00</b>   |
|       | Threaded  | CV1300TV  | <b>\$427.00</b>   |
|       | Flanged   | CV1300FV  | <b>\$666.05</b>   |
| 4"    | Socket    | CV1400SV  | <b>\$642.50</b>   |
|       | Threaded  | CV1400TV  | <b>\$642.50</b>   |
|       | Flanged   | CV1400FV  | <b>\$1,120.10</b> |
| 6"*** | Flanged   | CV1600FV  | <b>\$1,440.05</b> |

\* 1/2" - 2" valves are supplied with both socket & threaded end connections.

\*\* 4" valve venturied to 6".

Profile2™ is a trademark of Hayward Industries, Inc.

## PVC EPDM O-RINGS

| SIZE  | END CONN. | PART NO.  | LIST PRICE        |
|-------|-----------|-----------|-------------------|
| 1/2"  | Skt/Thd*  | CV1050STE | <b>\$140.40</b>   |
|       | Flanged   | CV1050FE  | <b>\$219.30</b>   |
| 3/4"  | Skt/Thd*  | CV1075STE | <b>\$140.40</b>   |
|       | Flanged   | CV1075FE  | <b>\$219.30</b>   |
| 1"    | Skt/Thd*  | CV1100STE | <b>\$140.40</b>   |
|       | Flanged   | CV1100FE  | <b>\$219.30</b>   |
| 2"    | Skt/Thd*  | CV1200STE | <b>\$217.35</b>   |
|       | Flanged   | CV1200FE  | <b>\$384.45</b>   |
| 3"    | Socket    | CV1300SE  | <b>\$386.40</b>   |
|       | Threaded  | CV1300TE  | <b>\$386.40</b>   |
|       | Flanged   | CV1300FE  | <b>\$627.10</b>   |
| 4"    | Socket    | CV1400SE  | <b>\$590.45</b>   |
|       | Threaded  | CV1400TE  | <b>\$590.45</b>   |
|       | Flanged   | CV1400FE  | <b>\$1,071.95</b> |
| 6"*** | Flanged   | CV1600FE  | <b>\$1,390.20</b> |

## CPVC FPM O-RINGS

| SIZE  | END CONN. | PART NO.  | LIST PRICE        |
|-------|-----------|-----------|-------------------|
| 1/2"  | Skt/Thd*  | CV2050STV | <b>\$172.15</b>   |
|       | Flanged   | CV2050FV  | <b>\$251.40</b>   |
| 3/4"  | Skt/Thd*  | CV2075STV | <b>\$172.15</b>   |
|       | Flanged   | CV2075FV  | <b>\$251.40</b>   |
| 1"    | Skt/Thd*  | CV2100STV | <b>\$172.15</b>   |
|       | Flanged   | CV2100FV  | <b>\$251.40</b>   |
| 2"    | Skt/Thd*  | CV2200STV | <b>\$299.70</b>   |
|       | Flanged   | CV2200FV  | <b>\$458.50</b>   |
| 3"    | Socket    | CV2300SV  | <b>\$664.40</b>   |
|       | Threaded  | CV2300TV  | <b>\$664.40</b>   |
|       | Flanged   | CV2300FV  | <b>\$909.00</b>   |
| 4"    | Socket    | CV2400SV  | <b>\$1,052.45</b> |
|       | Threaded  | CV2400TV  | <b>\$1,052.45</b> |
|       | Flanged   | CV2400FV  | <b>\$1,541.50</b> |
| 6"*** | Flanged   | CV2600FV  | <b>\$1,865.65</b> |

\* 1/2" - 2" valves are supplied with both socket & threaded end connections.

\*\* 4" valve venturied to 6".

Profile2™ is a trademark of Hayward Industries, Inc.

## CPVC EPDM O-RINGS

| SIZE  | END CONN. | PART NO.  | LIST PRICE        |
|-------|-----------|-----------|-------------------|
| 1/2"  | Skt/Thd*  | CV2050STE | <b>\$166.45</b>   |
|       | Flanged   | CV2050FE  | <b>\$245.65</b>   |
| 3/4"  | Skt/Thd*  | CV2075STE | <b>\$166.45</b>   |
|       | Flanged   | CV2075FE  | <b>\$245.65</b>   |
| 1"    | Skt/Thd*  | CV2100STE | <b>\$166.45</b>   |
|       | Flanged   | CV2100FE  | <b>\$245.65</b>   |
| 2"    | Skt/Thd*  | CV2200STE | <b>\$286.20</b>   |
|       | Flanged   | CV2200FE  | <b>\$446.65</b>   |
| 3"    | Socket    | CV2300SE  | <b>\$624.95</b>   |
|       | Threaded  | CV2300TE  | <b>\$624.95</b>   |
|       | Flanged   | CV2300FE  | <b>\$867.45</b>   |
| 4"    | Socket    | CV2400SE  | <b>\$1,001.90</b> |
|       | Threaded  | CV2400TE  | <b>\$1,001.90</b> |
|       | Flanged   | CV2400FE  | <b>\$1,488.10</b> |
| 6"*** | Flanged   | CV2600FE  | <b>\$1,813.25</b> |





## CV SERIES PROFILE2™ CONTROL VALVES

### \*\*ACTUATION READY\*\*

CV Series Profile2™ ball valves are available in PVC and CPVC with either FPM or EPDM o-rings. The valves have PTFE seats and positioners for Automated Modulating Service Applications. The proportional control provides two linear flow curves – one for fast opening, one for slow opening. All valves are assembled with silicone free lubricant.

| PVC/FPM        |             |            | PVC/EPDM    |            | CPVC/FPM    |            | CPVC/EPDM   |            |
|----------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| Size/End Conn  | Part No.    | List Price | Part No.    | List Price | Part No.    | List Price | Part No.    | List Price |
| 1/2" Thd./Skt. | HCCV1050STV | \$184.00   | HCCV1050STE | \$178.50   | HCCV2050STV | \$185.80   | HCCV2050STE | \$204.05   |
| 1/2" Flanged   | HCCV1050FV  | \$262.95   | HCCV1050FE  | \$255.55   | HCCV2050FV  | \$265.55   | HCCV2050FE  | \$281.60   |
| 3/4" Thd./Skt. | HCCV1075STV | \$184.00   | HCCV1075TE  | \$178.50   | HCCV2075STV | \$185.80   | HCCV2075STE | \$204.05   |
| 3/4" Flanged   | HCCV1075FV  | \$262.95   | HCCV1075FE  | \$255.55   | HCCV2075FV  | \$265.55   | HCCV2075FE  | \$281.60   |
| 1" Thd./Skt.   | HCCV1100STV | \$184.00   | HCCV1100STE | \$178.50   | HCCV2100STV | \$209.60   | HCCV2100STE | \$204.05   |
| 1" Flanged     | HCCV1100FV  | \$262.95   | HCCV1100FE  | \$255.55   | HCCV2100FV  | \$287.25   | HCCV2100FE  | \$281.60   |
| 2" Thd./Skt.   | HCCV1200STV | \$270.60   | HCCV1200STE | \$253.65   | HCCV2200STV | \$334.55   | HCCV2200STE | \$321.40   |
| 2" Flanged     | HCCV1200FV  | \$426.70   | HCCV1200FE  | \$417.35   | HCCV2200FV  | \$490.00   | HCCV2200FE  | \$478.35   |
| 3" Threaded    | HCCV1300TV  | \$492.35   | HCCV1300TE  | \$452.45   | HCCV2300TV  | \$725.90   | HCCV2300TE  | \$687.25   |
| 3" Socket      | HCCV1300SV  | \$492.35   | HCCV1300SE  | \$452.45   | HCCV2300SV  | \$725.90   | HCCV2300SE  | \$687.25   |
| 3" Flanged     | HCCV1300FV  | \$726.50   | HCCV1300FE  | \$688.25   | HCCV2300FV  | \$965.25   | HCCV2300FE  | \$924.65   |
| 4" Threaded    | HCCV1400TV  | \$703.25   | HCCV1400TE  | \$652.40   | HCCV2400TV  | \$1,105.80 | HCCV2400TE  | \$1,056.25 |
| 4" Socket      | HCCV1400SV  | \$703.25   | HCCV1400SE  | \$652.40   | HCCV2400SV  | \$1,105.80 | HCCV2400SE  | \$1,056.25 |
| 4" Flanged     | HCCV1400FV  | \$1,170.80 | HCCV1400FE  | \$1,123.75 | HCCV2400FV  | \$1,584.55 | HCCV2400FE  | \$1,532.20 |
| 6" Flanged     | HCCV1600FV  | \$1,484.00 | HCCV1600FE  | \$1,435.30 | HCCV2600FV  | \$1,901.85 | HCCV2600FE  | \$1,850.40 |



## TRUE UNION BALL VALVE OPTIONS

Option prices are ADDED to the list price of the valve.

| SIZE                                        | LIST PRICE      | PART NO. |
|---------------------------------------------|-----------------|----------|
| <b>Valve Handle Lock-Outs - Cover Style</b> |                 |          |
| 1/2" - 2"                                   | <b>\$76.05</b>  | LO1      |
| 2-1/2" - 6"                                 | <b>\$206.75</b> | LO2      |
| <b>2" Square Operating Nut</b>              |                 |          |
| 1/2" - 3/4"                                 | <b>\$177.75</b> | SQNUT5TU |
| 1" - 2"                                     | <b>\$177.75</b> | SQNUT2TU |
| 2-1/2" - 6"                                 | <b>\$177.75</b> | SQNUTTB3 |
| <b>Seal Retainer Wrench*</b>                |                 |          |
| 1/2" - 2"                                   | <b>\$41.45</b>  | TBSRW    |
| <b>Valve Tags</b>                           |                 |          |
| 316 SSTL                                    | <b>\$44.30</b>  | YSS2     |
| Paper                                       | <b>\$11.55</b>  | YPT1     |

| Valve-Safe Lockouts - Trigger Style | SUFFIX           |
|-------------------------------------|------------------|
| 1/2" - 2"                           | <b>\$10.95</b> G |
| 2-1/2" - 6"                         | <b>\$16.50</b> G |

| <b>Drilled Ball - not for Sodium Hypochlorite</b> |                |   |
|---------------------------------------------------|----------------|---|
| 1/2" - 2"                                         | <b>\$58.20</b> | D |
| 2-1/2" - 6"                                       | <b>\$96.80</b> | D |



### STEM EXTENSION KITS

| Kit Part No. | Valve Sizes | List Price     |
|--------------|-------------|----------------|
| TBEXTK075    | 1/2" - 3/4" | <b>\$19.65</b> |
| TBEXTK200    | 1" - 2"     | <b>\$21.70</b> |
| TBEXTK400    | 2-1/2" - 6" | <b>\$33.00</b> |

## FACTORY ASSEMBLED STEM EXTENSION PART NUMBER MATRIX

| <b>STEM EXTENSIONS**</b> |                 |
|--------------------------|-----------------|
| SIZE                     | LIST PRICE      |
| 6" - 36"                 | <b>\$212.85</b> |
| 37" - 96"                | <b>\$300.30</b> |

| <b>UNSUPPORTED</b> |                    |        |                    |
|--------------------|--------------------|--------|--------------------|
| SIZE               | HANDLE             | SIZE   | HANDLE             |
|                    | Sample Part No.*** |        | Sample Part No.*** |
| 1/2"               | SPGTU15X06EXT      | 2"     | SPGTU12X06EXT      |
| 3/4"               | SPGTU15X06EXT      | 2-1/2" | SPGTB14X06EXT      |
| 1"                 | SPGTU12X06EXT      | 3"     | SPGTB14X06EXT      |
| 1-1/4"             | SPGTU12X06EXT      | 4"     | SPGTB14X06EXT      |
| 1-1/2"             | SPGTU12X06EXT      | 6"     | SPGTB14X06EXT      |

\* 2-1/2" & up valves have integral tabs on the handle for Seal Retainer adjustment.

\*\* See part number matrix table on right for part numbers.

\*\*\* Replace "06" in part number with desired stem extension size.



## QV SERIES QIC2™ COMPACT BALL VALVES

All QIC2™ Ball Valves have EPDM o-rings and PTFE seats.

### PVC EPDM O-RINGS

| SIZE | END CONN. | CTN. QTY. | PART NO.  | LIST PRICE     | SIZE   | END CONN. | CTN. QTY. | PART NO.  | LIST PRICE      |
|------|-----------|-----------|-----------|----------------|--------|-----------|-----------|-----------|-----------------|
| 1/2" | Socket    | 24        | QV1T050SE | <b>\$39.70</b> | 1-1/4" | Socket    | 6         | QV1T125SE | <b>\$106.60</b> |
|      | Threaded  | 12        | QV1T050TE | <b>\$39.70</b> |        | Threaded  | 6         | QV1T125TE | <b>\$106.60</b> |
| 3/4" | Socket    | 12        | QV1T075SE | <b>\$51.10</b> | 1-1/2" | Socket    | 6         | QV1T150SE | <b>\$106.60</b> |
|      | Threaded  | 12        | QV1T075TE | <b>\$51.10</b> |        | Threaded  | 6         | QV1T150TE | <b>\$106.60</b> |
| 1"   | Socket    | 12        | QV1T100SE | <b>\$60.40</b> | 2"     | Socket    | 1         | QV1T200SE | <b>\$139.05</b> |
|      | Threaded  | 6         | QV1T100TE | <b>\$60.40</b> |        | Threaded  | 1         | QV1T200TE | <b>\$139.05</b> |

QIC2™ is a trademark of Hayward Industries, Inc.



## TW SERIES THREE-WAY TRUE UNION BALL VALVES

*One Piece Molded Body • Fully Serviceable • Rated to 150 PSI • True Union Design*

*Integrally Molded Stem Support and Mounting Platform • Double O-Ring Stem Seals*

• TW Ball Standard • NT or TP Balls Available at No Extra Cost • Consult Factory for Part Number

• For Cross Flow Version Consult Factory for Pricing and Availability

### PVC FPM O-RINGS

| SIZE   | END CONN. | CTN. QTY. | PART NO. | LIST PRICE | SIZE   | END CONN. | CTN. QTY. | PART NO. | LIST PRICE |
|--------|-----------|-----------|----------|------------|--------|-----------|-----------|----------|------------|
| 1/2"   | Skt/Thd*  | 24        | TW1050ST | \$107.30   | 2"     | Skt/Thd*  | 1         | TW1200ST | \$276.60   |
|        | Flanged   | 12        | TW1050F  | \$211.85   |        | Flanged   | 1         | TW1200F  | \$692.55   |
| 3/4"   | Skt/Thd*  | 12        | TW1075ST | \$127.25   | 2-1/2" | Socket    | 1         | TW1250S  | \$865.40   |
|        | Flanged   | 12        | TW1075F  | \$225.05   |        | Threaded  | 1         | TW1250T  | \$865.40   |
| 1"     | Skt/Thd*  | 12        | TW1100ST | \$154.65   |        | Flanged   | 1         | TW1250F  | \$1,499.80 |
|        | Flanged   | 6         | TW1100F  | \$266.25   | 3"     | Socket    | 1         | TW1300S  | \$881.10   |
| 1-1/4" | Skt/Thd*  | 6         | TW1125ST | \$202.20   |        | Threaded  | 1         | TW1300T  | \$881.10   |
|        | Flanged   | 6         | TW1125F  | \$455.70   |        | Flanged   | 1         | TW1300F  | \$1,499.80 |
| 1-1/2" | Skt/Thd*  | 6         | TW1150ST | \$217.55   | 4"     | Socket    | 1         | TW1400S  | \$1,524.20 |
|        | Flanged   | 6         | TW1150F  | \$513.55   |        | Threaded  | 1         | TW1400T  | \$1,524.20 |
|        |           |           |          |            |        | Flanged   | 1         | TW1400F  | \$2,096.90 |
|        |           |           |          |            | 6"***  | Flanged   | 1         | TW1600F  | \$3,326.20 |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

### PVC EPDM O-RINGS

| SIZE   | END CONN. | CTN. QTY. | PART NO.  | LIST PRICE | SIZE   | END CONN. | CTN. QTY. | PART NO.  | LIST PRICE |
|--------|-----------|-----------|-----------|------------|--------|-----------|-----------|-----------|------------|
| 1/2"   | Skt/Thd*  | 24        | TW1050STE | \$99.00    | 2"     | Skt/Thd*  | 1         | TW1200STE | \$243.40   |
|        | Flanged   | 12        | TW1050FE  | \$204.50   |        | Flanged   | 1         | TW1200FE  | \$657.90   |
| 3/4"   | Skt/Thd*  | 12        | TW1075STE | \$116.75   | 2-1/2" | Socket    | 1         | TW1250SE  | \$855.80   |
|        | Flanged   | 12        | TW1075FE  | \$215.90   |        | Threaded  | 1         | TW1250TE  | \$855.80   |
| 1"     | Skt/Thd*  | 12        | TW1100STE | \$141.90   |        | Flanged   | 1         | TW1250FE  | \$1,358.40 |
|        | Flanged   | 6         | TW1100FE  | \$253.40   | 3"     | Socket    | 1         | TW1300SE  | \$873.30   |
| 1-1/4" | Skt/Thd*  | 6         | TW1125STE | \$171.60   |        | Threaded  | 1         | TW1300TE  | \$873.30   |
|        | Flanged   | 6         | TW1125FE  | \$433.70   |        | Flanged   | 1         | TW1300FE  | \$1,377.10 |
| 1-1/2" | Skt/Thd*  | 6         | TW1150STE | \$198.45   | 4"     | Socket    | 1         | TW1400SE  | \$1,509.50 |
|        | Flanged   | 6         | TW1150FE  | \$487.00   |        | Threaded  | 1         | TW1400TE  | \$1,509.50 |
|        |           |           |           |            |        | Flanged   | 1         | TW1400FE  | \$2,002.00 |
|        |           |           |           |            | 6"***  | Flanged   | 1         | TW1600FE  | \$3,326.20 |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".



## TW SERIES THREE-WAY TRUE UNION BALL VALVES (cont.)

*One Piece Molded Body • Fully Serviceable • Rated to 150 PSI • True Union Design*

*Integrally Molded Stem Support and Mounting Platform • Double O-Ring Stem Seals*

- TW Ball Standard • NT or TP Balls Available at No Extra Cost • Consult Factory for Part Number
- For Cross Flow Version Consult Factory for Pricing and Availability

### CPVC FPM O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE |
|--------|--------------|--------------|----------|---------------|--------|--------------|--------------|----------|---------------|
| 1/2"   | Skt/Thd*     | 24           | TW2050ST | \$162.20      | 2"     | Skt/Thd*     | 1            | TW2200ST | \$434.70      |
|        | Flanged      | 12           | TW2050F  | \$325.85      |        | Flanged      | 1            | TW2200F  | \$1,028.65    |
| 3/4"   | Skt/Thd*     | 12           | TW2075ST | \$168.30      | 2-1/2" | Socket       | 1            | TW2250S  | \$1,331.35    |
|        | Flanged      | 12           | TW2075F  | \$364.95      |        | Threaded     | 1            | TW2250T  | \$1,331.35    |
| 1"     | Skt/Thd*     | 12           | TW2100ST | \$237.95      |        | Flanged      | 1            | TW2250F  | \$2,248.30    |
|        | Flanged      | 6            | TW2100F  | \$395.45      | 3"     | Socket       | 1            | TW2300S  | \$1,326.90    |
| 1-1/4" | Skt/Thd*     | 6            | TW2125ST | \$311.10      |        | Threaded     | 1            | TW2300T  | \$1,326.90    |
|        | Flanged      | 6            | TW2125F  | \$676.15      |        | Flanged      | 1            | TW2300F  | \$2,248.30    |
| 1-1/2" | Skt/Thd*     | 6            | TW2150ST | \$334.55      | 4"     | Socket       | 1            | TW2400S  | \$2,344.95    |
|        | Flanged      | 6            | TW2150F  | \$747.90      |        | Threaded     | 1            | TW2400T  | \$2,344.95    |
|        |              |              |          |               |        |              | Flanged      | 1        | TW2400F       |
|        |              |              |          |               | 6"***  | Flanged      | 1            | TW2600F  | \$5,480.10    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

### CPVC EPDM O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE |
|--------|--------------|--------------|-----------|---------------|--------|--------------|--------------|-----------|---------------|
| 1/2"   | Skt/Thd*     | 24           | TW2050STE | \$149.75      | 2"     | Skt/Thd*     | 1            | TW2200STE | \$374.35      |
|        | Flanged      | 12           | TW2050FE  | \$314.45      |        | Flanged      | 1            | TW2200FE  | \$978.45      |
| 3/4"   | Skt/Thd*     | 12           | TW2075STE | \$168.30      | 2-1/2" | Socket       | 1            | TW2250SE  | \$1,316.55    |
|        | Flanged      | 12           | TW2075FE  | \$346.85      |        | Threaded     | 1            | TW2250TE  | \$1,316.55    |
| 1"     | Skt/Thd*     | 12           | TW2100STE | \$213.65      |        | Flanged      | 1            | TW2250FE  | \$2,089.60    |
|        | Flanged      | 6            | TW2100FE  | \$375.65      | 3"     | Socket       | 1            | TW2300SE  | \$1,343.55    |
| 1-1/4" | Skt/Thd*     | 6            | TW2125STE | \$264.00      |        | Threaded     | 1            | TW2300TE  | \$1,343.55    |
|        | Flanged      | 6            | TW2125FE  | \$642.15      |        | Flanged      | 1            | TW2300FE  | \$2,118.65    |
| 1-1/2" | Skt/Thd*     | 6            | TW2150STE | \$305.15      | 4"     | Socket       | 1            | TW2400SE  | \$2,322.30    |
|        | Flanged      | 6            | TW2150FE  | \$725.25      |        | Threaded     | 1            | TW2400TE  | \$2,322.30    |
|        |              |              |           |               |        | Flanged      | 1            | TW2400FE  | \$3,110.40    |
|        |              |              |           |               | 6"***  | Flanged      | 1            | TW2600FE  | \$5,480.10    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

**NOTE:** Cross-Flow Three-Way True Union Ball Valves are available upon request.



# TW SERIES THREE-WAY BALL VALVES

## \*\*ACTUATION READY\*\*

- One Piece Molded Body • Fully Serviceable • Rated to 150 PSI • True Union Design
- Integrally Molded Stem Support and Mounting Platform • Double O-Ring Stem Seals • TW Ball Standard; NT or TP Balls Available at No Extra Cost • Consult Factory for Part Number • For Cross Flow Version

Consult Factory for Pricing and Availability

These prices include a mounting kit and installation when purchased with an actuator.

| PVC/FPM          |             |            | PVC/EPDM    |            | CPVC/FPM    |            | CPVC/EPDM   |            |
|------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|
| Size/End Conn    | Part No.    | List Price | Part No.    | List Price | Part No.    | List Price | Part No.    | List Price |
| 1/2" SKT/THD**   | HCTN1050STV | \$122.25   | HCTN1050STE | \$116.50   | HCTN2050STV | \$147.40   | HCTN2050STE | \$141.30   |
| 1/2" Flanged     | HCTN1050FV  | \$183.15   | HCTN1050FE  | \$183.80   | HCTN2050FV  | \$232.80   | HCTN2050FE  | \$230.55   |
| 3/4" SKT/THD**   | HCTN1075STV | \$136.70   | HCTN1075STE | \$128.95   | HCTN2075STV | \$150.60   | HCTN2075STE | \$155.40   |
| 3/4" Flanged     | HCTN1075FV  | \$199.75   | HCTN1075FE  | \$198.80   | HCTN2075FV  | \$262.95   | HCTN2075FE  | \$259.35   |
| 1" SKT/THD**     | HCTN1100STV | \$183.10   | HCTN1100STE | \$172.70   | HCTN2100STV | \$230.70   | HCTN2100STE | \$213.65   |
| 1" Flanged       | HCTN1100FV  | \$251.50   | HCTN1100FE  | \$248.05   | HCTN2100FV  | \$307.75   | HCTN2100FE  | \$304.15   |
| 1-1/4" SKT/THD** | HCTN1125STV | \$203.85   | HCTN1125STE | \$177.15   | HCTN2125STV | \$259.00   | HCTN2125STE | \$227.50   |
| 1-1/4" Flanged   | HCTN1125FV  | \$313.55   | HCTN1125FE  | \$295.25   | HCTN2125FV  | \$349.00   | HCTN2125FE  | \$332.80   |
| 1-1/2" SKT/THD** | HCTN1150STV | \$196.50   | HCTN1150STE | \$186.50   | HCTN2150STV | \$247.80   | HCTN2150STE | \$235.30   |
| 1-1/2" Flanged   | HCTN1150FV  | \$369.60   | HCTN1150FE  | \$365.70   | HCTN2150FV  | \$447.00   | HCTN2150FE  | \$451.90   |
| 2" SKT/THD**     | HCTN1200STV | \$255.40   | HCTN1200STE | \$233.50   | HCTN2200STV | \$330.90   | HCTN2200STE | \$296.95   |
| 2" Flanged       | HCTN1200FV  | \$537.70   | HCTN1200FE  | \$532.25   | HCTN2200FV  | \$647.55   | HCTN2200FE  | \$642.15   |
| 2-1/2" Threaded  | HCTN1250TV  | \$758.75   | HCTN1250TE  | \$740.80   | HCTN2250TV  | \$1,076.70 | HCTN2250TE  | \$1,058.65 |
| 2-1/2" Socket    | HCTN1250SV  | \$758.75   | HCTN1250SE  | \$740.80   | HCTN2250SV  | \$1,076.70 | HCTN2250SE  | \$1,058.65 |
| 2-1/2" Flanged   | HCTN1250FV  | \$1,045.25 | HCTN1250FE  | \$940.95   | HCTN2250FV  | \$1,442.30 | HCTN2250FE  | \$1,336.80 |
| 3" Threaded      | HCTN1300TV  | \$772.45   | HCTN1300TE  | \$756.00   | HCTN2300TV  | \$1,073.05 | HCTN2300TE  | \$1,080.45 |
| 3" Socket        | HCTN1300SV  | \$772.45   | HCTN1300SE  | \$756.00   | HCTN2300SV  | \$1,073.05 | HCTN2300SE  | \$1,080.45 |
| 3" Flanged       | HCTN1300FV  | \$1,045.25 | HCTN1300FE  | \$953.95   | HCTN2300FV  | \$1,442.30 | HCTN2300FE  | \$1,355.35 |
| 4" Threaded      | HCTN1400TV  | \$1,187.95 | HCTN1400TE  | \$1,171.60 | HCTN2400TV  | \$1,635.50 | HCTN2400TE  | \$1,619.90 |
| 4" Socket        | HCTN1400SV  | \$1,187.95 | HCTN1400SE  | \$1,171.60 | HCTN2400SV  | \$1,635.50 | HCTN2400SE  | \$1,619.90 |
| 4" Flanged       | HCTN1400FV  | \$1,343.85 | HCTN1400FE  | \$1,279.75 | HCTN2400FV  | \$1,963.75 | HCTN2400FE  | \$1,897.60 |
| 6" Flanged*      | HCTN1600FV  | \$1,982.60 | HCTN1600FE  | \$1,984.95 | HCTN2600FV  | \$3,104.30 | HCTN2600FE  | \$3,116.50 |

\* 4" valve venturied to 6"

\*\* 1/2" thru 2" valves are supplied with both socket and threaded end connections.



## LA SERIES LATERAL THREE-WAY TRUE UNION BALL VALVES

All Lateral Three-Way Ball Valves are assembled with silicone free lubricant and have PTFE seats.

- One Piece Molded Body • Fully Serviceable • Rated to 150 PSI • True Union Design
- Integrally Molded Stem Support and Mounting Platform • Double O-Ring Stem Seals
- 90° Turn or 180°; Depending on Required Flow Pattern\*

### PVC FPM O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE |
|--------|--------------|--------------|----------|---------------|--------|--------------|--------------|----------|---------------|
| 1/2"   | Skt/Thd*     | 24           | LA1050ST | \$107.95      | 2"     | Skt/Thd*     | 1            | LA1200ST | \$240.35      |
|        | Flanged      | 12           | LA1050F  | \$212.15      |        | Flanged      | 1            | LA1200F  | \$707.20      |
| 3/4"   | Skt/Thd*     | 12           | LA1075ST | \$119.30      | 2-1/2" | Socket       | 1            | LA1250S  | \$810.20      |
|        | Flanged      | 12           | LA1075F  | \$213.70      |        | Threaded     | 1            | LA1250T  | \$810.20      |
| 1"     | Skt/Thd*     | 12           | LA1100ST | \$141.60      |        | Flanged      | 1            | LA1250F  | \$1,352.50    |
|        | Flanged      | 6            | LA1100F  | \$282.35      | 3"     | Socket       | 1            | LA1300S  | \$856.55      |
| 1-1/4" | Skt/Thd*     | 6            | LA1125ST | \$167.60      |        | Threaded     | 1            | LA1300T  | \$856.55      |
|        | Flanged      | 6            | LA1125F  | \$483.20      |        | Flanged      | 1            | LA1300F  | \$1,531.00    |
| 1-1/2" | Skt/Thd*     | 6            | LA1150ST | \$195.95      | 4"     | Socket       | 1            | LA1400S  | \$1,514.10    |
|        | Flanged      | 6            | LA1150F  | \$524.80      |        | Threaded     | 1            | LA1400T  | \$1,514.10    |
|        |              |              |          |               |        | Flanged      | 1            | LA1400F  | \$2,176.00    |
|        |              |              |          |               | 6"***  | Flanged      | 1            | LA1600F  | \$4,017.80    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

### PVC EPDM O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE |
|--------|--------------|--------------|-----------|---------------|--------|--------------|--------------|-----------|---------------|
| 1/2"   | Skt/Thd*     | 24           | LA1050STE | \$99.45       | 2"     | Skt/Thd*     | 1            | LA1200STE | \$235.30      |
|        | Flanged      | 12           | LA1050FE  | \$203.15      |        | Flanged      | 1            | LA1200FE  | \$672.55      |
| 3/4"   | Skt/Thd*     | 12           | LA1075STE | \$118.00      | 2-1/2" | Socket       | 1            | LA1250SE  | \$793.20      |
|        | Flanged      | 12           | LA1075FE  | \$212.15      |        | Threaded     | 1            | LA1250TE  | \$793.20      |
| 1"     | Skt/Thd*     | 12           | LA1100STE | \$141.60      |        | Flanged      | 1            | LA1250FE  | \$1,324.05    |
|        | Flanged      | 6            | LA1100FE  | \$269.20      | 3"     | Socket       | 1            | LA1300SE  | \$826.70      |
| 1-1/4" | Skt/Thd*     | 6            | LA1125STE | \$165.85      |        | Threaded     | 1            | LA1300TE  | \$826.70      |
|        | Flanged      | 6            | LA1125FE  | \$469.20      |        | Flanged      | 1            | LA1300FE  | \$1,370.20    |
| 1-1/2" | Skt/Thd*     | 6            | LA1150STE | \$195.95      | 4"     | Socket       | 1            | LA1400SE  | \$1,497.15    |
|        | Flanged      | 6            | LA1150FE  | \$498.40      |        | Threaded     | 1            | LA1400TE  | \$1,497.15    |
|        |              |              |           |               |        | Flanged      | 1            | LA1400FE  | \$1,990.65    |
|        |              |              |           |               | 6"***  | Flanged      | 1            | LA1600FE  | \$3,976.90    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".



## LA SERIES LATERAL THREE-WAY TRUE UNION BALL VALVES (cont.)

All Lateral Three-Way Ball Valves are assembled with silicone free lubricant and have PTFE seats.

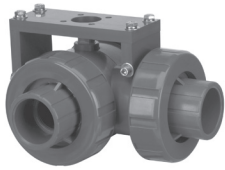
- One Piece Molded Body • Fully Serviceable • Rated to 150 PSI • True Union Design
- Integrally Molded Stem Support and Mounting Platform • Double O-Ring Stem Seals
- 90° Turn or 180°; Depending on Required Flow Pattern\*

### CPVC FPM O-RINGS

| SIZE                                                                                                     | END<br>CONN. | CTN.<br>QTY. | PART NO. | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.   | LIST<br>PRICE |
|----------------------------------------------------------------------------------------------------------|--------------|--------------|----------|---------------|--------|--------------|--------------|------------|---------------|
| 1/2"                                                                                                     | Skt/Thd*     | 24           | LA2050ST | \$162.20      | 2"     | Skt/Thd*     | 1            | LA2200ST   | \$434.70      |
|                                                                                                          | Flanged      | 12           | LA2050F  | \$325.85      |        | Flanged      | 1            | LA2200F    | \$1,252.50    |
| 3/4"                                                                                                     | Skt/Thd*     | 12           | LA2075ST | \$195.55      | 2-1/2" | Socket       | 1            | LA2250S    | \$1,331.35    |
|                                                                                                          | Flanged      | 12           | LA2075F  | \$346.05      |        | Threaded     | 1            | LA2250T    | \$1,331.35    |
| 1"                                                                                                       | Skt/Thd*     | 12           | LA2100ST | \$237.95      |        | Flanged      | 1            | LA2250F    | \$2,435.55    |
|                                                                                                          | Flanged      | 6            | LA2100F  | \$512.50      | 3"     | Socket       | 1            | LA2300S    | \$1,355.35    |
| 1-1/4"                                                                                                   | Skt/Thd*     | 6            | LA2125ST | \$311.10      |        | Threaded     | 1            | LA2300T    | \$1,355.35    |
|                                                                                                          | Flanged      | 6            | LA2125F  | \$944.00      |        | Flanged      | 1            | LA2300F    | \$2,451.65    |
| 1-1/2"                                                                                                   | Skt/Thd*     | 6            | LA2150ST | \$334.55      | 4"     | Socket       | 1            | LA2400S    | \$2,344.95    |
|                                                                                                          | Flanged      | 6            | LA2150F  | \$954.30      |        | Threaded     | 1            | LA2400T    | \$2,344.95    |
| * 1/2" - 2" valves are supplied with socket and threaded end connectors.<br>** 4" valve venturied to 6". |              |              |          |               |        | Flanged      | 1            | LA2400F    | \$3,225.90    |
|                                                                                                          |              |              |          |               | 6"***  | 1            | LA2600F      | \$6,023.30 |               |

### CPVC EPDM O-RINGS

| SIZE                                                                                                     | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.   | LIST<br>PRICE |
|----------------------------------------------------------------------------------------------------------|--------------|--------------|-----------|---------------|--------|--------------|--------------|------------|---------------|
| 1/2"                                                                                                     | Skt/Thd*     | 24           | LA2050STE | \$152.25      | 2"     | Skt/Thd*     | 1            | LA2200STE  | \$374.35      |
|                                                                                                          | Flanged      | 12           | LA2050FE  | \$314.45      |        | Flanged      | 1            | LA2200FE   | \$998.15      |
| 3/4"                                                                                                     | Skt/Thd*     | 12           | LA2075STE | \$179.60      | 2-1/2" | Socket       | 1            | LA2250SE   | \$1,316.55    |
|                                                                                                          | Flanged      | 12           | LA2075FE  | \$332.05      |        | Threaded     | 1            | LA2250TE   | \$1,316.55    |
| 1"                                                                                                       | Skt/Thd*     | 12           | LA2100STE | \$213.65      |        | Flanged      | 1            | LA2250FE   | \$2,089.60    |
|                                                                                                          | Flanged      | 6            | LA2100FE  | \$399.90      | 3"     | Socket       | 1            | LA2300SE   | \$1,343.55    |
| 1-1/4"                                                                                                   | Skt/Thd*     | 6            | LA2125STE | \$264.00      |        | Threaded     | 1            | LA2300TE   | \$1,343.55    |
|                                                                                                          | Flanged      | 6            | LA2125FE  | \$682.40      |        | Flanged      | 1            | LA2300FE   | \$2,118.65    |
| 1-1/2"                                                                                                   | Skt/Thd*     | 6            | LA2150STE | \$305.15      | 4"     | Socket       | 1            | LA2400SE   | \$2,322.30    |
|                                                                                                          | Flanged      | 6            | LA2150FE  | \$740.10      |        | Threaded     | 1            | LA2400TE   | \$2,322.30    |
| * 1/2" - 2" valves are supplied with socket and threaded end connectors.<br>** 4" valve venturied to 6". |              |              |           |               |        | Flanged      | 1            | LA2400FE   | \$3,110.40    |
|                                                                                                          |              |              |           |               | 6"***  | 1            | LA2600FE     | \$5,844.75 |               |



## LA SERIES LATERAL THREE-WAY BALL VALVES

### \*\*ACTUATION READY\*\*

- One Piece Molded Body • Fully Serviceable • Rated to 150 PSI • True Union Design
- Integrally Molded Stem Support and Mounting Platform • Double O-Ring Stem Seals
- 90° Turn or 180°; Depending on Required Flow Pattern\*

*These prices include a mounting kit and installation when purchased with an actuator.*

| PVC/FPM          |               |            | PVC/EPDM      |            | CPVC/FPM      |            | CPVC/EPDM     |            |
|------------------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|
| Size/End Conn    | Part No.      | List Price | Part No.      | List Price | Part No.      | List Price | Part No.      | List Price |
| 1/2" SKT/THD**   | HCLA1050STV90 | \$150.90   | HCLA1050STE90 | \$142.20   | HCLA2050STV90 | \$179.55   | HCLA2050STE90 | \$175.15   |
| 1/2" Flanged     | HCLA1050FV90  | \$223.85   | HCLA1050FE90  | \$223.10   | HCLA2050FV90  | \$285.35   | HCLA2050FE90  | \$281.95   |
|                  |               |            |               |            |               |            |               |            |
| 3/4" SKT/THD**   | HCLA1075STV90 | \$154.95   | HCLA1075STE90 | \$161.35   | HCLA2075STV90 | \$214.15   | HCLA2075STE90 | \$201.90   |
| 3/4" Flanged     | HCLA1075FV90  | \$229.95   | HCLA1075FE90  | \$240.05   | HCLA2075FV90  | \$304.65   | HCLA2075FE90  | \$305.25   |
|                  |               |            |               |            |               |            |               |            |
| 1" SKT/THD**     | HCLA1100STV90 | \$205.20   | HCLA1100STE90 | \$211.40   | HCLA2100STV90 | \$281.95   | HCLA2100STE90 | \$261.60   |
| 1" Flanged       | HCLA1100FV90  | \$327.80   | HCLA1100FE90  | \$322.15   | HCLA2100FV90  | \$487.55   | HCLA2100FE90  | \$396.20   |
|                  |               |            |               |            |               |            |               |            |
| 1-1/4" SKT/THD** | HCLA1125STV90 | \$204.50   | HCLA1125STE90 | \$211.10   | HCLA2125STV90 | \$317.25   | HCLA2125STE90 | \$279.25   |
| 1-1/4" Flanged   | HCLA1125FV90  | \$407.40   | HCLA1125FE90  | \$392.10   | HCLA2125FV90  | \$596.75   | HCLA2125FE90  | \$433.35   |
|                  |               |            |               |            |               |            |               |            |
| 1-1/2" SKT/THD** | HCLA1150STV90 | \$216.70   | HCLA1150STE90 | \$214.40   | HCLA2150STV90 | \$303.85   | HCLA2150STE90 | \$287.55   |
| 1-1/2" Flanged   | HCLA1150FV90  | \$464.25   | HCLA1150FE90  | \$458.55   | HCLA2150FV90  | \$699.50   | HCLA2150FE90  | \$565.45   |
|                  |               |            |               |            |               |            |               |            |
| 2" SKT/THD**     | HCLA1200STV90 | \$266.65   | HCLA1200STE90 | \$282.55   | HCLA2200STV90 | \$404.85   | HCLA2200STE90 | \$363.60   |
| 2" Flanged       | HCLA1200FV90  | \$672.55   | HCLA1200FE90  | \$665.25   | HCLA2200FV90  | \$966.60   | HCLA2200FE90  | \$803.20   |
|                  |               |            |               |            |               |            |               |            |
| 2-1/2" Threaded  | HCLA1250TV90  | \$850.85   | HCLA1250TE90  | \$858.80   | HCLA2250TV90  | \$1,319.55 | HCLA2250TE90  | \$1,296.25 |
| 2-1/2" Socket    | HCLA1250SV90  | \$850.85   | HCLA1250SE90  | \$858.80   | HCLA2250SV90  | \$1,319.55 | HCLA2250SE90  | \$1,296.25 |
| 2-1/2" Flanged   | HCLA1250FV90  | \$1,129.85 | HCLA1250FE90  | \$1,147.30 | HCLA2250FV90  | \$1,914.90 | HCLA2250FE90  | \$1,638.45 |
|                  |               |            |               |            |               |            |               |            |
| 3" Threaded      | HCLA1300TV90  | \$918.95   | HCLA1300TE90  | \$876.30   | HCLA2300TV90  | \$1,343.30 | HCLA2300TE90  | \$1,322.75 |
| 3" Socket        | HCLA1300SV90  | \$918.95   | HCLA1300SE90  | \$876.30   | HCLA2300SV90  | \$1,343.30 | HCLA2300SE90  | \$1,322.75 |
| 3" Flanged       | HCLA1300FV90  | \$1,306.55 | HCLA1300FE90  | \$1,162.35 | HCLA2300FV90  | \$1,927.50 | HCLA2300FE90  | \$1,661.30 |
|                  |               |            |               |            |               |            |               |            |
| 4" Threaded      | HCLA1400TV90  | \$1,444.75 | HCLA1400TE90  | \$1,425.00 | HCLA2400TV90  | \$2,004.30 | HCLA2400TE90  | \$1,985.95 |
| 4" Socket        | HCLA1400SV90  | \$1,444.75 | HCLA1400SE90  | \$1,425.00 | HCLA2400SV90  | \$2,004.30 | HCLA2400SE90  | \$1,985.95 |
| 4" Flanged       | HCLA1400FV90  | \$1,708.85 | HCLA1400FE90  | \$1,559.10 | HCLA2400FV90  | \$2,405.80 | HCLA2400FE90  | \$2,326.40 |
|                  |               |            |               |            |               |            |               |            |
| 6" Flanged***    | HCLA1600FV90  | \$2,934.30 | HCLA1600FE90  | \$2,908.30 | HCLA2600FV90  | \$4,180.00 | HCLA2600FE90  | \$4,074.00 |

\* T port requires 180° actuation and L port requires 90° actuation.

\*\* 1/2" thru 2" valves are supplied with both socket and threaded end connections.

\*\*\* 4" valve venturied to 6".



# TC SERIES TRUE UNION BALL CHECK VALVES

All Ball Check Valves are assembled with silicone free lubricant.



PVC 1/4" - 4"

## PVC FPM SEATS & O-RINGS

| SIZE                                                                     | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE |
|--------------------------------------------------------------------------|--------------|--------------|-----------|---------------|--------|--------------|--------------|-----------|---------------|
| 1/4"***                                                                  | Socket       | 12           | TC10025S  | \$85.45       | 1-1/2" | Skt/Thd*     | 6            | TC10150ST | \$229.10      |
|                                                                          | Threaded     | 12           | TC10025T  | \$85.45       |        | Flanged      | 6            | TC10150F  | \$639.00      |
| 3/8"***                                                                  | Socket       | 12           | TC10037S  | \$85.45       | 2"     | Skt/Thd*     | 1            | TC10200ST | \$306.90      |
|                                                                          | Threaded     | 12           | TC10037T  | \$85.45       |        | Flanged      | 1            | TC10200F  | \$592.40      |
| 1/2"                                                                     | Skt/Thd*     | 12           | TC10050ST | \$97.20       | 2-1/2" | Socket       | 1            | TC1250S   | \$697.90      |
|                                                                          | Flanged      | 12           | TC10050F  | \$235.10      |        | Threaded     | 1            | TC1250T   | \$697.90      |
| 3/4"                                                                     | Skt/Thd*     | 12           | TC10075ST | \$108.75      |        | Flanged      | 1            | TC1250F   | \$1,194.25    |
|                                                                          | Flanged      | 12           | TC10075F  | \$267.95      | 3"     | Socket       | 1            | TC1300S   | \$715.75      |
| 1"                                                                       | Skt/Thd*     | 12           | TC10100ST | \$138.25      |        | Threaded     | 1            | TC1300T   | \$715.75      |
|                                                                          | Flanged      | 6            | TC10100F  | \$343.75      |        | Flanged      | 1            | TC1300F   | \$1,448.65    |
| 1-1/4"                                                                   | Skt/Thd*     | 6            | TC10125ST | \$229.10      | 4"     | Socket       | 1            | TC1400S   | \$1,409.40    |
|                                                                          | Flanged      | 6            | TC10125F  | \$570.95      |        | Threaded     | 1            | TC1400T   | \$1,409.40    |
|                                                                          |              |              |           |               |        |              | Flanged      | 1         | TC1400F       |
|                                                                          |              |              |           |               | 6"***  | Flanged      | 1            | TC1600F   | \$3,018.35    |
| * 1/2" - 2" valves are supplied with socket and threaded end connectors. |              |              |           |               |        |              |              |           |               |
| ** 4" valve venturied to 6".                                             |              |              |           |               |        |              |              |           |               |
| *** Trim check design only.                                              |              |              |           |               |        |              |              |           |               |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\*\*\* Trim check design only.

## PVC EPDM SEATS & O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.   | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.   | LIST<br>PRICE |
|--------|--------------|--------------|------------|---------------|--------|--------------|--------------|------------|---------------|
| 1/2"   | Skt/Thd*     | 12           | TC10050STE | \$85.45       | 2"     | Skt/Thd*     | 1            | TC10200STE | \$279.60      |
|        | Flanged      | 12           | TC10050FE  | \$176.80      |        | Flanged      | 1            | TC10200FE  | \$555.45      |
| 3/4"   | Skt/Thd*     | 12           | TC10075STE | \$97.20       | 2-1/2" | Socket       | 1            | TC1250SE   | \$656.55      |
|        | Flanged      | 12           | TC10075FE  | \$209.70      |        | Threaded     | 1            | TC1250TE   | \$656.55      |
| 1"     | Skt/Thd*     | 12           | TC10100STE | \$122.65      |        | Flanged      | 1            | TC1250FE   | \$1,094.30    |
|        | Flanged      | 6            | TC10100FE  | \$271.75      | 3"     | Socket       | 1            | TC1300SE   | \$676.30      |
| 1-1/4" | Skt/Thd*     | 6            | TC10125STE | \$198.55      |        | Threaded     | 1            | TC1300TE   | \$676.30      |
|        | Flanged      | 6            | TC10125FE  | \$454.40      |        | Flanged      | 1            | TC1300FE   | \$1,376.30    |
| 1-1/2" | Skt/Thd*     | 6            | TC10150STE | \$198.55      | 4"     | Socket       | 1            | TC1400SE   | \$1,358.90    |
|        | Flanged      | 6            | TC10150FE  | \$502.95      |        | Threaded     | 1            | TC1400TE   | \$1,358.90    |
|        |              |              |            |               |        | Flanged      | 1            | TC1400FE   | \$2,164.80    |
|        |              |              |            |               | 6"***  | Flanged      | 1            | TC1600FE   | \$2,921.15    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

## CPVC FPM SEATS & O-RINGS

| SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE | SIZE   | END<br>CONN. | CTN.<br>QTY. | PART NO.  | LIST<br>PRICE |
|--------|--------------|--------------|-----------|---------------|--------|--------------|--------------|-----------|---------------|
| 1/2"   | Skt/Thd*     | 12           | TC20050ST | \$152.75      | 2"     | Skt/Thd*     | 1            | TC20200ST | \$500.95      |
|        | Flanged      | 12           | TC20050F  | \$295.90      |        | Flanged      | 1            | TC20200F  | \$1,025.30    |
| 3/4"   | Skt/Thd*     | 12           | TC20075ST | \$179.90      | 2-1/2" | Socket       | 1            | TC2250S   | \$1,265.20    |
|        | Flanged      | 12           | TC20075F  | \$342.35      |        | Threaded     | 1            | TC2250T   | \$1,265.20    |
| 1"     | Skt/Thd*     | 12           | TC20100ST | \$216.55      |        | Flanged      | 1            | TC2250F   | \$1,685.05    |
|        | Flanged      | 6            | TC20100F  | \$427.35      | 3"     | Socket       | 1            | TC2300S   | \$1,304.95    |
| 1-1/4" | Skt/Thd*     | 6            | TC20125ST | \$375.15      |        | Threaded     | 1            | TC2300T   | \$1,304.95    |
|        | Flanged      | 6            | TC20125F  | \$694.15      |        | Flanged      | 1            | TC2300F   | \$2,315.00    |
| 1-1/2" | Skt/Thd*     | 6            | TC20150ST | \$375.15      | 4"     | Socket       | 1            | TC2400S   | \$2,629.85    |
|        | Flanged      | 6            | TC20150F  | \$777.35      |        | Threaded     | 1            | TC2400T   | \$2,629.85    |
|        |              |              |           |               |        | Flanged      | 1            | TC2400F   | \$3,895.00    |
|        |              |              |           |               | 6"***  | Flanged      | 1            | TC2600F   | \$5,255.95    |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".

CHECK VALVES



## TC SERIES TRUE UNION BALL CHECK VALVES (cont.)

All Ball Check Valves are assembled with silicone free lubricant.



### CPVC EPDM SEATS & O-RINGS

| SIZE   | END CONN. | CTN. QTY. | PART NO.   | LIST PRICE | SIZE   | END CONN. | CTN. QTY. | PART NO.   | LIST PRICE |
|--------|-----------|-----------|------------|------------|--------|-----------|-----------|------------|------------|
| 1/2"   | Skt/Thd*  | 12        | TC20050STE | \$139.30   | 2"     | Skt/Thd*  | 1         | TC20200STE | \$452.55   |
|        | Flanged   | 12        | TC20050FE  | \$237.95   |        | Flanged   | 1         | TC20200FE  | \$907.05   |
| 3/4"   | Skt/Thd*  | 12        | TC20075STE | \$160.60   | 2-1/2" | Socket    | 1         | TC2250SE   | \$1,078.25 |
|        | Flanged   | 12        | TC20075FE  | \$274.65   |        | Threaded  | 1         | TC2250TE   | \$1,078.25 |
| 1"     | Skt/Thd*  | 12        | TC20100STE | \$201.20   |        | Flanged   | 1         | TC2250FE   | \$1,648.25 |
|        | Flanged   | 6         | TC20100FE  | \$353.90   | 3"     | Socket    | 1         | TC2300SE   | \$1,078.25 |
| 1-1/4" | Skt/Thd*  | 6         | TC20125STE | \$342.35   |        | Threaded  | 1         | TC2300TE   | \$1,078.25 |
|        | Flanged   | 6         | TC20125FE  | \$661.25   |        | Flanged   | 1         | TC2300FE   | \$1,930.10 |
| 1-1/2" | Skt/Thd*  | 6         | TC20150STE | \$342.35   | 4"     | Socket    | 1         | TC2400SE   | \$2,340.65 |
|        | Flanged   | 6         | TC20150FE  | \$738.45   |        | Threaded  | 1         | TC2400TE   | \$2,340.65 |
|        |           |           |            |            |        | Flanged   | 1         | TC2400FE   | \$3,467.85 |
|        |           |           |            |            | 6"***  | Flanged   | 1         | TC2600FE   | \$4,681.50 |

\* 1/2" - 2" valves are supplied with socket and threaded end connectors.

\*\* 4" valve venturied to 6".



**NOW OFFERING  
SOCKET FUSION**

### PP FPM SEATS & O-RINGS

| SIZE | END CONN.  | CTN. QTY. | PART NO. | LIST PRICE | SIZE   | END CONN.  | CTN. QTY. | PART NO. | LIST PRICE |
|------|------------|-----------|----------|------------|--------|------------|-----------|----------|------------|
| 1/2" | Threaded   | 12        | TC30050T | \$203.15   | 1"     | Threaded   | 12        | TC30100T | \$289.30   |
|      | Skt Fusion | 12        | TC30050S | \$203.15   |        | Skt Fusion | 12        | TC30100S | \$289.30   |
| DN15 | Skt Fusion | 12        | TC3015MS | \$203.15   | DN25   | Skt Fusion | 12        | TC3025MS | \$289.30   |
| 3/4" | Threaded   | 12        | TC30075T | \$245.25   | 1-1/2" | Threaded   | 6         | TC30150T | \$482.85   |
|      | Skt Fusion | 12        | TC30075S | \$245.25   |        | Skt Fusion | 12        | TC30150S | \$482.85   |
| DN20 | Skt Fusion | 12        | TC3020MS | \$245.25   | DN40   | Skt Fusion | 12        | TC3040MS | \$482.85   |
|      |            |           |          |            | 2"     | Threaded   | 1         | TC30200T | \$649.15   |
|      |            |           |          |            |        | Skt Fusion | 12        | TC30200S | \$649.15   |
|      |            |           |          |            | DN50   | Skt Fusion | 12        | TC3050MS | \$649.15   |

### PP EPDM SEATS & O-RINGS

| SIZE | END CONN.  | CTN. QTY. | PART NO.  | LIST PRICE | SIZE   | END CONN.  | CTN. QTY. | PART NO.  | LIST PRICE |
|------|------------|-----------|-----------|------------|--------|------------|-----------|-----------|------------|
| 1/2" | Threaded   | 12        | TC30050TE | \$162.60   | 1"     | Threaded   | 12        | TC30100TE | \$231.40   |
|      | Skt Fusion | 12        | TC30050SE | \$162.60   |        | Skt Fusion | 12        | TC30100SE | \$231.40   |
| DN15 | Skt Fusion | 12        | TC3015MSE | \$162.60   | DN25   | Skt Fusion | 12        | TC3025MSE | \$231.40   |
| 3/4" | Threaded   | 12        | TC30075TE | \$196.20   | 1-1/2" | Threaded   | 6         | TC30150TE | \$386.25   |
|      | Skt Fusion | 12        | TC30075SE | \$196.20   |        | Skt Fusion | 12        | TC30150SE | \$386.25   |
| DN20 | Skt Fusion | 12        | TC3020MSE | \$196.20   | DN40   | Skt Fusion | 12        | TC3040MSE | \$386.25   |
|      |            |           |           |            | 2"     | Threaded   | 1         | TC30200TE | \$519.55   |
|      |            |           |           |            |        | Skt Fusion | 12        | TC30200SE | \$519.55   |
|      |            |           |           |            | DN50   | Skt Fusion | 12        | TC3050MSE | \$519.55   |





# TRUE UNION BALL CHECK FOOT VALVE SCREENS

Used to convert True Union Ball Check Valves to foot valves. Nominal 3/16" Perf.

| SIZE            | PVC       |            | CPVC      |            | PP        |            |
|-----------------|-----------|------------|-----------|------------|-----------|------------|
|                 | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE |
| 1/2"            | FV10050SA | \$52.60    | FV20050SA | \$73.35    | FVP0050SA | \$71.90    |
| 3/4"            | FV10075SA | \$64.05    | FV20075SA | \$79.40    | FVP0075SA | \$82.75    |
| 1"              | FV10100SA | \$74.45    | FV20100SA | \$89.85    | FVP0100SA | \$220.00   |
| 1-1/4" - 1-1/2" | FV10150SA | \$110.95   | FV20150SA | \$142.70   | FVP0150SA | \$226.50   |
| 2"              | FV10200SA | \$130.45   | FV20200SA | \$160.20   | FVP0200SA | \$233.35   |
| 2-1/2" - 3"     | FV10300SA | \$182.25   | FV20300SA | \$264.75   | NA        | -          |
| 4"              | FV10400SA | \$220.90   | FV20400SA | \$358.30   | NA        | -          |



## YC SERIES Y-CHECK VALVES

All Y-Check Valves are assembled with silicone free lubricant.

### PVC FPM SEAT & SEALS

| SIZE   | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|--------|-----------|----------|------------|
| 1/2"   | Socket    | YC10050S | \$127.30   | 1-1/2" | Socket    | YC10150S | \$256.35   |
|        | Threaded  | YC10050T | \$127.30   |        | Threaded  | YC10150T | \$256.35   |
|        | Flanged   | YC10050F | \$166.95   |        | Flanged   | YC10150F | \$359.10   |
| 3/4"   | Socket    | YC10075S | \$137.90   | 2"     | Socket    | YC10200S | \$318.40   |
|        | Threaded  | YC10075T | \$137.90   |        | Threaded  | YC10200T | \$318.40   |
|        | Flanged   | YC10075F | \$184.55   |        | Flanged   | YC10200F | \$483.45   |
| 1"     | Socket    | YC10100S | \$149.40   | 2-1/2" | Socket    | YC10250S | \$678.20   |
|        | Threaded  | YC10100T | \$149.40   |        | Threaded  | YC10250T | \$678.20   |
|        | Flanged   | YC10100F | \$221.40   |        | Flanged   | YC10250F | \$1,000.10 |
| 1-1/4" | Socket    | YC10125S | \$235.10   | 3"     | Socket    | YC10300S | \$678.20   |
|        | Threaded  | YC10125T | \$235.10   |        | Threaded  | YC10300T | \$678.20   |
|        | Flanged   | YC10125F | \$339.75   |        | Flanged   | YC10300F | \$1,000.10 |
|        |           |          |            | 4"     | Socket    | YC10400S | \$1,109.95 |
|        |           |          |            |        | Threaded  | YC10400T | \$1,109.95 |
|        |           |          |            |        | Flanged   | YC10400F | \$1,520.90 |

### PVC EPDM SEAT & SEALS

| SIZE   | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE |
|--------|-----------|-----------|------------|--------|-----------|-----------|------------|
| 1/2"   | Socket    | YC10050SE | \$127.30   | 1-1/2" | Socket    | YC10150SE | \$256.35   |
|        | Threaded  | YC10050TE | \$127.30   |        | Threaded  | YC10150TE | \$256.35   |
|        | Flanged   | YC10050FE | \$166.95   |        | Flanged   | YC10150FE | \$359.10   |
| 3/4"   | Socket    | YC10075SE | \$137.90   | 2"     | Socket    | YC10200SE | \$318.40   |
|        | Threaded  | YC10075TE | \$137.90   |        | Threaded  | YC10200TE | \$318.40   |
|        | Flanged   | YC10075FE | \$184.55   |        | Flanged   | YC10200FE | \$483.45   |
| 1"     | Socket    | YC10100SE | \$149.40   | 2-1/2" | Socket    | YC10250SE | \$678.20   |
|        | Threaded  | YC10100TE | \$149.40   |        | Threaded  | YC10250TE | \$678.20   |
|        | Flanged   | YC10100FE | \$221.40   |        | Flanged   | YC10250FE | \$1,000.10 |
| 1-1/4" | Socket    | YC10125SE | \$235.10   | 3"     | Socket    | YC10300SE | \$678.20   |
|        | Threaded  | YC10125TE | \$235.10   |        | Threaded  | YC10300TE | \$678.20   |
|        | Flanged   | YC10125FE | \$339.75   |        | Flanged   | YC10300FE | \$1,000.10 |
|        |           |           |            | 4"     | Socket    | YC10400SE | \$1,109.95 |
|        |           |           |            |        | Threaded  | YC10400TE | \$1,109.95 |
|        |           |           |            |        | Flanged   | YC10400FE | \$1,520.90 |



## YC SERIES Y-CHECK VALVES (cont.)

All Y-Check Valves are assembled with silicone free lubricant.

### CPVC FPM SEAT & SEALS

| SIZE   | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|--------|-----------|----------|------------|
| 1/2"   | Socket    | YC20050S | \$292.30   | 1-1/2" | Socket    | YC20150S | \$642.10   |
|        | Threaded  | YC20050T | \$292.30   |        | Threaded  | YC20150T | \$642.10   |
|        | Flanged   | YC20050F | \$348.90   |        | Flanged   | YC20150F | \$755.40   |
| 3/4"   | Socket    | YC20075S | \$323.05   | 2"     | Socket    | YC20200S | \$825.20   |
|        | Threaded  | YC20075T | \$323.05   |        | Threaded  | YC20200T | \$825.20   |
|        | Flanged   | YC20075F | \$367.60   |        | Flanged   | YC20200F | \$1,113.05 |
| 1"     | Socket    | YC20100S | \$413.55   | 2-1/2" | Socket    | YC20250S | \$1,051.60 |
|        | Threaded  | YC20100T | \$413.55   |        | Threaded  | YC20250T | \$1,051.60 |
|        | Flanged   | YC20100F | \$486.50   |        | Flanged   | YC20250F | \$1,237.15 |
| 1-1/4" | Socket    | YC20125S | \$642.10   | 3"     | Socket    | YC20300S | \$1,051.60 |
|        | Threaded  | YC20125T | \$642.10   |        | Threaded  | YC20300T | \$1,051.60 |
|        | Flanged   | YC20125F | \$755.40   |        | Flanged   | YC20300F | \$1,237.15 |
|        |           |          |            | 4"     | Socket    | YC20400S | \$1,816.70 |
|        |           |          |            |        | Threaded  | YC20400T | \$1,816.70 |
|        |           |          |            |        | Flanged   | YC20400F | \$2,137.15 |

### CPVC EPDM SEAT & SEALS

| SIZE   | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE |
|--------|-----------|-----------|------------|--------|-----------|-----------|------------|
| 1/2"   | Socket    | YC20050SE | \$292.30   | 1-1/2" | Socket    | YC20150SE | \$642.10   |
|        | Threaded  | YC20050TE | \$292.30   |        | Threaded  | YC20150TE | \$642.10   |
|        | Flanged   | YC20050FE | \$348.90   |        | Flanged   | YC20150FE | \$755.40   |
| 3/4"   | Socket    | YC20075SE | \$323.05   | 2"     | Socket    | YC20200SE | \$825.20   |
|        | Threaded  | YC20075TE | \$323.05   |        | Threaded  | YC20200TE | \$825.20   |
|        | Flanged   | YC20075FE | \$367.60   |        | Flanged   | YC20200FE | \$1,113.05 |
| 1"     | Socket    | YC20100SE | \$413.55   | 2-1/2" | Socket    | YC20250SE | \$1,051.60 |
|        | Threaded  | YC20100TE | \$413.55   |        | Threaded  | YC20250TE | \$1,051.60 |
|        | Flanged   | YC20100FE | \$486.50   |        | Flanged   | YC20250FE | \$1,237.15 |
| 1-1/4" | Socket    | YC20125SE | \$642.10   | 3"     | Socket    | YC20300SE | \$1,051.60 |
|        | Threaded  | YC20125TE | \$642.10   |        | Threaded  | YC20300TE | \$1,051.60 |
|        | Flanged   | YC20125FE | \$755.40   |        | Flanged   | YC20300FE | \$1,237.15 |
|        |           |           |            | 4"     | Socket    | YC20400SE | \$1,816.70 |
|        |           |           |            |        | Threaded  | YC20400TE | \$1,816.70 |
|        |           |           |            |        | Flanged   | YC20400FE | \$2,137.15 |



## SLC SERIES SPRING-LOADED Y-CHECK VALVES

All Spring-Loaded Y-Check Valves are suitable for both horizontal and vertical installation. 1" valves are furnished with extra 1/2" and 3/4" threaded reducer bushings. 2" valves are furnished with extra 1-1/2" threaded reducer bushings.

### PVC FPM SEALS

| SIZE | END CONN. | PART NO.  | LIST PRICE |
|------|-----------|-----------|------------|
| 1"   | Threaded  | SLC10100T | \$269.95   |
| 2"   | Threaded  | SLC10200T | \$358.45   |
| 3"   | Threaded  | SLC10300T | \$596.60   |
| 4"   | Threaded  | SLC10400T | \$768.10   |

### PVC EPDM SEALS

| SIZE | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|
| 1"   | Threaded  | SLC10100TE | \$260.20   |
| 2"   | Threaded  | SLC10200TE | \$348.75   |
| 3"   | Threaded  | SLC10300TE | \$574.85   |
| 4"   | Threaded  | SLC10400TE | \$723.90   |

CHECK VALVES



## YC SERIES TRUE UNION Y-CHECK VALVES

All Y-Check Valves are assembled with silicone free lubricant.

### PVC FPM SEAT & SEALS

| SIZE   | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE |
|--------|-----------|-----------|------------|--------|-----------|-----------|------------|
| 1/2"   | Socket    | YC10050SU | \$145.05   | 1-1/2" | Socket    | YC10150SU | \$295.70   |
|        | Threaded  | YC10050TU | \$145.05   |        | Threaded  | YC10150TU | \$295.70   |
| 3/4"   | Socket    | YC10075SU | \$158.85   | 2"     | Socket    | YC10200SU | \$350.85   |
|        | Threaded  | YC10075TU | \$158.85   |        | Threaded  | YC10200TU | \$350.85   |
| 1"     | Socket    | YC10100SU | \$166.85   | 2-1/2" | Socket    | YC10250SU | \$698.35   |
|        | Threaded  | YC10100TU | \$166.85   |        | Threaded  | YC10250TU | \$698.35   |
| 1-1/4" | Socket    | YC10125SU | \$270.30   | 3"     | Socket    | YC10300SU | \$719.85   |
|        | Threaded  | YC10125TU | \$270.30   |        | Threaded  | YC10300TU | \$719.85   |
|        |           |           |            | 4"     | Socket    | YC10400SU | \$1,142.95 |
|        |           |           |            |        | Threaded  | YC10400TU | \$1,142.95 |

### PVC EPDM SEAT & SEALS

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Socket    | YC10050SEU | \$145.05   | 1-1/2" | Socket    | YC10150SEU | \$295.70   |
|        | Threaded  | YC10050TEU | \$145.05   |        | Threaded  | YC10150TEU | \$295.70   |
| 3/4"   | Socket    | YC10075SEU | \$158.85   | 2"     | Socket    | YC10200SEU | \$350.85   |
|        | Threaded  | YC10075TEU | \$158.85   |        | Threaded  | YC10200TEU | \$350.85   |
| 1"     | Socket    | YC10100SEU | \$166.85   | 2-1/2" | Socket    | YC10250SEU | \$698.35   |
|        | Threaded  | YC10100TEU | \$166.85   |        | Threaded  | YC10250TEU | \$698.35   |
| 1-1/4" | Socket    | YC10125SEU | \$270.30   | 3"     | Socket    | YC10300SEU | \$719.85   |
|        | Threaded  | YC10125TEU | \$270.30   |        | Threaded  | YC10300TEU | \$719.85   |
|        |           |            |            | 4"     | Socket    | YC10400SEU | \$1,142.95 |
|        |           |            |            |        | Threaded  | YC10400TEU | \$1,142.95 |



## YC SERIES TRUE UNION Y-CHECK VALVES (cont.)

*All Y-Check Valves are assembled with silicone free lubricant.*

### CPVC FPM SEAT & SEALS

| SIZE   | END<br>CONN. | PART NO.  | LIST<br>PRICE   | SIZE   | END<br>CONN. | PART NO.  | LIST<br>PRICE     |
|--------|--------------|-----------|-----------------|--------|--------------|-----------|-------------------|
| 1/2"   | Socket       | YC20050SU | <b>\$336.15</b> | 1-1/2" | Socket       | YC20150SU | <b>\$755.00</b>   |
|        | Threaded     | YC20050TU | <b>\$336.15</b> |        | Threaded     | YC20150TU | <b>\$755.00</b>   |
| 3/4"   | Socket       | YC20075SU | <b>\$376.45</b> | 2"     | Socket       | YC20200SU | <b>\$919.75</b>   |
|        | Threaded     | YC20075TU | <b>\$376.45</b> |        | Threaded     | YC20200TU | <b>\$919.75</b>   |
| 1"     | Socket       | YC20100SU | <b>\$461.75</b> | 2-1/2" | Socket       | YC20250SU | <b>\$1,097.25</b> |
|        | Threaded     | YC20100TU | <b>\$461.75</b> |        | Threaded     | YC20250TU | <b>\$1,097.25</b> |
| 1-1/4" | Socket       | YC20125SU | <b>\$747.75</b> | 3"     | Socket       | YC20300SU | <b>\$1,130.90</b> |
|        | Threaded     | YC20125TU | <b>\$747.75</b> |        | Threaded     | YC20300TU | <b>\$1,130.90</b> |
|        |              |           |                 | 4"     | Socket       | YC20400SU | <b>\$1,884.10</b> |
|        |              |           |                 |        | Threaded     | YC20400TU | <b>\$1,884.10</b> |

### CPVC EPDM SEAT & SEALS

| SIZE   | END<br>CONN. | PART NO.   | LIST<br>PRICE   | SIZE   | END<br>CONN. | PART NO.   | LIST<br>PRICE     |
|--------|--------------|------------|-----------------|--------|--------------|------------|-------------------|
| 1/2"   | Socket       | YC20050SEU | <b>\$336.15</b> | 1-1/2" | Socket       | YC20150SEU | <b>\$755.00</b>   |
|        | Threaded     | YC20050TEU | <b>\$336.15</b> |        | Threaded     | YC20150TEU | <b>\$755.00</b>   |
| 3/4"   | Socket       | YC20075SEU | <b>\$376.45</b> | 2"     | Socket       | YC20200SEU | <b>\$919.75</b>   |
|        | Threaded     | YC20075TEU | <b>\$376.45</b> |        | Threaded     | YC20200TEU | <b>\$919.75</b>   |
| 1"     | Socket       | YC20100SEU | <b>\$461.75</b> | 2-1/2" | Socket       | YC20250SEU | <b>\$1,097.25</b> |
|        | Threaded     | YC20100TEU | <b>\$461.75</b> |        | Threaded     | YC20250TEU | <b>\$1,097.25</b> |
| 1-1/4" | Socket       | YC20125SEU | <b>\$747.75</b> | 3"     | Socket       | YC20300SEU | <b>\$1,130.90</b> |
|        | Threaded     | YC20125TEU | <b>\$747.75</b> |        | Threaded     | YC20300TEU | <b>\$1,130.90</b> |
|        |              |            |                 | 4"     | Socket       | YC20400SEU | <b>\$1,884.10</b> |
|        |              |            |                 |        | Threaded     | YC20400TEU | <b>\$1,884.10</b> |



## SLC SERIES SPRING-LOADED TRUE UNION Y-CHECK VALVES

*All Spring-Loaded Y-Check Valves are suitable for both horizontal and vertical installation.*

### PVC FPM SEAT & SEALS

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Socket    | SLC10050SU | \$152.85   | 1-1/2" | Socket    | SLC10150SU | \$311.30   |
|        | Threaded  | SLC10050TU | \$152.85   |        | Threaded  | SLC10150TU | \$311.30   |
| 3/4"   | Socket    | SLC10075SU | \$167.15   | 2"     | Socket    | SLC10200SU | \$382.00   |
|        | Threaded  | SLC10075TU | \$167.15   |        | Threaded  | SLC10200TU | \$382.00   |
| 1"     | Socket    | SLC10100SU | \$288.40   | 2-1/2" | Socket    | SLC10250SU | \$635.45   |
|        | Threaded  | SLC10100TU | \$288.40   |        | Threaded  | SLC10250TU | \$635.45   |
| 1-1/4" | Socket    | SLC10125SU | \$288.40   | 3"     | Socket    | SLC10300SU | \$635.45   |
|        | Threaded  | SLC10125TU | \$288.40   |        | Threaded  | SLC10300TU | \$635.45   |
|        |           |            |            | 4"     | Socket    | SLC10400SU | \$818.70   |
|        |           |            |            |        | Threaded  | SLC10400TU | \$818.70   |

### PVC EPDM SEAT & SEALS

| SIZE   | END CONN. | PART NO.    | LIST PRICE | SIZE   | END CONN. | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|--------|-----------|-------------|------------|
| 1/2"   | Socket    | SLC10050SEU | \$145.20   | 1-1/2" | Socket    | SLC10150SEU | \$295.80   |
|        | Threaded  | SLC10050TEU | \$145.20   |        | Threaded  | SLC10150TEU | \$295.80   |
| 3/4"   | Socket    | SLC10075SEU | \$158.85   | 2"     | Socket    | SLC10200SEU | \$371.95   |
|        | Threaded  | SLC10075TEU | \$158.85   |        | Threaded  | SLC10200TEU | \$371.95   |
| 1"     | Socket    | SLC10100SEU | \$276.90   | 2-1/2" | Socket    | SLC10250SEU | \$611.75   |
|        | Threaded  | SLC10100TEU | \$276.90   |        | Threaded  | SLC10250TEU | \$611.75   |
| 1-1/4" | Socket    | SLC10125SEU | \$276.90   | 3"     | Socket    | SLC10300SEU | \$611.75   |
|        | Threaded  | SLC10125TEU | \$276.90   |        | Threaded  | SLC10300TEU | \$611.75   |
|        |           |             |            | 4"     | Socket    | SLC10400SEU | \$770.25   |
|        |           |             |            |        | Threaded  | SLC10400TEU | \$770.25   |



## SW SERIES SWING CHECK VALVES

Swing Check Valves are assembled with silicone free lubricant and are furnished with two o-ring flange seals, so no additional gaskets are required for installation.

| PVC WITH FPM SEALS |           |          |            |
|--------------------|-----------|----------|------------|
| SIZE               | END CONN. | PART NO. | LIST PRICE |
| 3"                 | Flanged   | SW1300V  | \$1,239.05 |
| 4"                 | Flanged   | SW1400V  | \$1,684.50 |
| 6"                 | Flanged   | SW1600V  | \$2,470.45 |
| 8"                 | Flanged   | SW1800V  | \$3,406.00 |

| PVC WITH EPDM SEALS |           |          |            |
|---------------------|-----------|----------|------------|
| SIZE                | END CONN. | PART NO. | LIST PRICE |
| 3"                  | Flanged   | SW1300E  | \$985.55   |
| 4"                  | Flanged   | SW1400E  | \$1,313.90 |
| 6"                  | Flanged   | SW1600E  | \$1,941.65 |
| 8"                  | Flanged   | SW1800E  | \$2,769.90 |

| PVC WITH FPM SEALS & COUNTERWEIGHT |           |          |            |
|------------------------------------|-----------|----------|------------|
| SIZE                               | END CONN. | PART NO. | LIST PRICE |
| 3"                                 | Flanged   | SW1300VC | \$1,500.70 |
| 4"                                 | Flanged   | SW1400VC | \$1,945.30 |
| 6"                                 | Flanged   | SW1600VC | \$2,731.00 |
| 8"                                 | Flanged   | SW1800VC | \$3,664.80 |

| PVC WITH EPDM SEALS & COUNTERWEIGHT |           |          |            |
|-------------------------------------|-----------|----------|------------|
| SIZE                                | END CONN. | PART NO. | LIST PRICE |
| 3"                                  | Flanged   | SW1300EC | \$1,245.30 |
| 4"                                  | Flanged   | SW1400EC | \$1,573.65 |
| 6"                                  | Flanged   | SW1600EC | \$2,200.30 |
| 8"                                  | Flanged   | SW1800EC | \$3,032.40 |

| CPVC WITH FPM SEALS |           |          |            |
|---------------------|-----------|----------|------------|
| SIZE                | END CONN. | PART NO. | LIST PRICE |
| 3"                  | Flanged   | SW2300V  | \$2,714.65 |
| 4"                  | Flanged   | SW2400V  | \$3,690.60 |
| 6"                  | Flanged   | SW2600V  | \$5,410.65 |

| CPVC WITH EPDM SEALS |           |          |            |
|----------------------|-----------|----------|------------|
| SIZE                 | END CONN. | PART NO. | LIST PRICE |
| 3"                   | Flanged   | SW2300E  | \$2,158.45 |
| 4"                   | Flanged   | SW2400E  | \$2,878.55 |
| 6"                   | Flanged   | SW2600E  | \$4,248.60 |

| CPVC WITH FPM SEALS & COUNTERWEIGHT |           |          |            |
|-------------------------------------|-----------|----------|------------|
| SIZE                                | END CONN. | PART NO. | LIST PRICE |
| 3"                                  | Flanged   | SW2300VC | \$2,974.35 |
| 4"                                  | Flanged   | SW2400VC | \$3,948.40 |
| 6"                                  | Flanged   | SW2600VC | \$5,668.55 |

| CPVC WITH EPDM SEALS & COUNTERWEIGHT |           |          |            |
|--------------------------------------|-----------|----------|------------|
| SIZE                                 | END CONN. | PART NO. | LIST PRICE |
| 3"                                   | Flanged   | SW2300EC | \$2,410.80 |
| 4"                                   | Flanged   | SW2400EC | \$3,136.40 |
| 6"                                   | Flanged   | SW2600EC | \$4,510.15 |

| GFPP* WITH FPM SEALS |           |          |            |
|----------------------|-----------|----------|------------|
| SIZE                 | END CONN. | PART NO. | LIST PRICE |
| 3"                   | Flanged   | SW4300V  | \$1,405.50 |
| 4"                   | Flanged   | SW4400V  | \$1,909.90 |
| 6"                   | Flanged   | SW4600V  | \$2,801.75 |
| 8"                   | Flanged   | SW4800V  | \$3,865.15 |

| GFPP* WITH EPDM SEALS |           |          |            |
|-----------------------|-----------|----------|------------|
| SIZE                  | END CONN. | PART NO. | LIST PRICE |
| 3"                    | Flanged   | SW4300E  | \$1,119.20 |
| 4"                    | Flanged   | SW4400E  | \$1,489.50 |
| 6"                    | Flanged   | SW4600E  | \$2,199.80 |
| 8"                    | Flanged   | SW4800E  | \$3,143.00 |

\* GFPP valves with counterweight, consult factory.



## WCV SERIES FULL PATTERN WAFER CHECK VALVES

- New WCV Full Wafer Check Valves require No Spacer or Specialty Flange
- High Flow Rate, Equal to or Greater than Metal Counterparts
- Size Range 2" - 8"
- Pressure Rated at 150 PSI for All Sizes
- Fits both ANSI125/150 and DIN/PN10 Flange Patterns

| PVC    |           | WITH SPRING (O-Ring/Spring Materials) |            |                    | NO SPRING  |            |
|--------|-----------|---------------------------------------|------------|--------------------|------------|------------|
|        |           | FPM/SS                                | EPDM/SS    | FPM/<br>HASTELLOY® | FPM        | EPDM       |
| SIZE   | PART NO.  | (VS)                                  | (ES)       | (VH)               | (V)        | (E)        |
| 2"     | WCV1200XX | \$318.45                              | \$304.25   | \$433.45           | \$273.90   | \$261.65   |
| 2-1/2" | WCV1250XX | \$374.60                              | \$354.10   | \$522.95           | \$322.10   | \$304.55   |
| 3"     | WCV1300XX | \$445.85                              | \$409.20   | \$619.30           | \$383.45   | \$351.85   |
| 4"     | WCV1400XX | \$524.45                              | \$468.15   | \$728.50           | \$451.15   | \$402.65   |
| 6"     | WCV1600XX | \$740.80                              | \$668.70   | \$1,029.00         | \$637.15   | \$575.15   |
| 8"     | WCV1800XX | \$1,409.50                            | \$1,320.40 | \$1,957.60         | \$1,212.20 | \$1,135.65 |

| CPVC   |           | WITH SPRING (O-Ring/Spring Materials) |            |                    | NO SPRING  |            |
|--------|-----------|---------------------------------------|------------|--------------------|------------|------------|
|        |           | FPM/SS                                | EPDM/SS    | FPM/<br>HASTELLOY® | FPM        | EPDM       |
| SIZE   | PART NO.  | (VS)                                  | (ES)       | (VH)               | (V)        | (E)        |
| 2"     | WCV2200XX | \$398.00                              | \$380.30   | \$555.60           | \$342.25   | \$327.05   |
| 2-1/2" | WCV2250XX | \$468.15                              | \$442.60   | \$670.40           | \$402.65   | \$380.65   |
| 3"     | WCV2300XX | \$578.95                              | \$524.45   | \$793.85           | \$491.65   | \$462.95   |
| 4"     | WCV2400XX | \$655.60                              | \$600.20   | \$899.40           | \$556.90   | \$516.25   |
| 6"     | WCV2600XX | \$926.05                              | \$835.90   | \$1,270.30         | \$767.60   | \$718.85   |
| 8"     | WCV2800XX | \$1,761.95                            | \$1,650.45 | \$2,447.05         | \$1,515.25 | \$1,419.35 |



## WC SERIES WAFER CHECK VALVES

- Large Sizes only 14" - 20" in PVC and PP
- Valves are supplied with o-rings set into body faces. In most cases, flange gaskets will not be required.
- Spacers are required to allow full disk opening with minimum interference with pipe I.D. when using PVC schedule 40 & 80 pipe.
- Spacers are not required for DIN/metric PP and PVDF pipe.

**NOTE:** WC series pictured with spring option.

| PVC  |           | WITH SPRING (O-Ring/Spring Materials <sup>2</sup> ) |             |                                   | NO SPRING   |             |                   |
|------|-----------|-----------------------------------------------------|-------------|-----------------------------------|-------------|-------------|-------------------|
|      |           | FPM/SS                                              | EPDM/SS     | PTFE <sup>1</sup> /<br>HASTELLOY® | FPM         | EPDM        | PTFE <sup>1</sup> |
| SIZE | PART NO.  | (VS)                                                | (ES)        | (PH+*)                            | (V)         | (E)         | (P+*)             |
| 10"  | WC11000XX | \$2,466.15                                          | \$2,152.25  | \$2,692.80                        | \$2,302.10  | \$2,032.80  | \$2,486.35        |
| 12"  | WC11200XX | \$3,227.35                                          | \$2,814.25  | \$3,520.95                        | \$3,073.55  | \$2,660.60  | \$3,227.35        |
| 14"  | WC11400XX | \$7,697.65                                          | \$7,697.65  | POA                               | \$4,800.45  | \$4,800.45  | POA               |
| 16"  | WC11600XX | \$9,847.70                                          | \$9,847.70  | POA                               | \$5,618.35  | \$5,618.35  | POA               |
| 20"  | WC12000XX | \$16,417.55                                         | \$16,417.55 | POA                               | \$11,898.65 | \$11,898.65 | POA               |

| PP   |           | WITH SPRING (O-Ring/Spring Materials <sup>2</sup> ) |             |                                   | NO SPRING   |             |                   |
|------|-----------|-----------------------------------------------------|-------------|-----------------------------------|-------------|-------------|-------------------|
|      |           | FPM/SS                                              | EPDM/SS     | PTFE <sup>1</sup> /<br>HASTELLOY® | FPM         | EPDM        | PTFE <sup>1</sup> |
| SIZE | PART NO.  | (VS)                                                | (ES)        | (PH+*)                            | (V)         | (E)         | (P+*)             |
| 10"  | WC41000XX | \$2,577.85                                          | \$2,229.00  | \$2,780.20                        | \$2,385.95  | \$2,035.10  | \$2,576.05        |
| 12"  | WC41200XX | \$3,770.80                                          | \$3,351.85  | \$3,609.85                        | \$3,153.65  | \$2,734.80  | \$3,310.60        |
| 14"  | WC41400XX | \$7,847.10                                          | \$7,847.10  | POA                               | \$4,893.65  | \$4,893.65  | POA               |
| 16"  | WC41600XX | \$10,039.00                                         | \$10,039.00 | POA                               | \$5,727.45  | \$5,727.45  | POA               |
| 20"  | WC42000XX | \$16,736.35                                         | \$16,736.35 | POA                               | \$12,129.70 | \$12,129.70 | POA               |

<sup>1</sup> PTFE o-rings are PFA encapsulated FPM.

<sup>2</sup> Valves with FPM or EPDM o-rings are supplied w/316 SS springs. Valves with PTFE o-rings are normally supplied w/Hastelloy® o-rings.

\* Special order and non-returnable

♦ Available with longer lead time

POA = Priced On Availability, consult factory for price and availability.



## WC SERIES WAFER CHECK VALVES (cont.)

- Valves are supplied with o-rings set into body faces. In most cases, flange gaskets will not be required.
- Valves up to 8" usually require a spacer and it should always be the same material as the valve.
- Spacers are required to allow full disk opening with minimum interference with pipe I.D. when using PVC schedule 40 & 80 pipe.**
- Spacers are not required for DIN/metric PVDF pipe.

**NOTE:** WC series pictured with spring option.

| PVDF   |           | WITH SPRING (O-Ring/Spring Materials <sup>2</sup> ) |                               | NO SPRING  |                   |
|--------|-----------|-----------------------------------------------------|-------------------------------|------------|-------------------|
|        |           | FPM/SS                                              | PTFE <sup>1</sup> /HASTELLOY® | FPM        | PTFE <sup>1</sup> |
| SIZE   | PART NO.  | (VS)                                                | (PH+*)                        | (V)        | (P+*)             |
| 2"     | WC5200XX  | \$839.85                                            | \$1,242.45                    | \$704.95   | \$978.90          |
| 2-1/2" | WC5250XX  | \$976.80                                            | \$1,291.65                    | \$828.95   | \$1,152.35        |
| 3"     | WC5300XX  | \$1,355.90                                          | \$1,638.50                    | \$1,141.70 | \$1,484.50        |
| 4"     | WC5400XX  | \$1,874.25                                          | \$2,165.50                    | \$1,642.85 | \$2,000.60        |
| 5"     | WC5500XX  | \$2,503.75                                          | \$2,812.25                    | \$2,279.05 | \$2,647.35        |
| 6"     | WC5600XX  | \$2,942.90                                          | \$3,189.25                    | \$2,555.35 | \$3,030.65        |
| 8"     | WC5800XX  | \$5,335.15                                          | \$5,881.55                    | \$5,198.30 | \$5,737.95        |
| 10"    | WC51000XX | \$5,746.60                                          | \$6,069.85                    | POA        | POA               |
| 12"    | WC51200XX | \$7,599.10                                          | \$8,132.35                    | POA        | POA               |
| 14"    | WC51400XX | POA                                                 | POA                           | POA        | POA               |
| 16"    | WC51600XX | POA                                                 | POA                           | POA        | POA               |
| 20"    | WC52000XX | POA                                                 | POA                           | POA        | POA               |

<sup>1</sup> PTFE o-rings are PFA encapsulated FPM.

<sup>2</sup> Valves with FPM or EPDM o-rings are supplied w/316 SS springs. Valves with PTFE o-rings are normally supplied w/Hastelloy® o-rings.

\* Special order and non-returnable.

♦ Available with longer lead time.

POA = Priced On Availability, consult factory for price and availability.



## WC SERIES WAFER CHECK VALVE SPACERS

| SIZE   | PVC      |            | PP       |            | PVDF     |            |
|--------|----------|------------|----------|------------|----------|------------|
|        | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2"     | -        | -          | -        | -          | WCX502SP | \$270.90   |
| 2-1/2" | -        | -          | -        | -          | WCX525SP | \$354.10   |
| 3"     | -        | -          | -        | -          | WCX503SP | \$504.60   |
| 4"     | -        | -          | -        | -          | WCX504SP | \$708.15   |
| 5"     | -        | -          | -        | -          | WCX505SP | \$1,504.75 |
| 6"     | -        | -          | -        | -          | WCX506SP | \$1,770.20 |
| 8"     | -        | -          | -        | -          | WCX508SP | \$2,283.45 |
| 10"    | WCX110SP | \$1,229.30 | WCX410SP | POA        | WCX510SP | POA        |
| 12"    | WCX112SP | \$1,844.00 | WCX412SP | POA        | WCX512SP | POA        |
| 14"    | WCX114SP | POA        | -        | -          | -        | -          |
| 16"    | WCX116SP | POA        | -        | -          | -        | -          |



## BYV SERIES BUTTERFLY VALVES

The revolutionary hand lever design features a 72 spline interlock mechanism allowing for 19 stopping positions every 5 degrees. Additionally, the hand lever material incorporates a UV inhibitor for enhanced performance in outdoor applications.



| SIZE   | BODY | DISC | EPDM LINER AND SEALS |            | VITON® LINER AND FPM SEALS |            | NITRILE LINER AND SEALS |            |
|--------|------|------|----------------------|------------|----------------------------|------------|-------------------------|------------|
|        |      |      | PART NO.             | LIST PRICE | PART NO.                   | LIST PRICE | PART NO.                | LIST PRICE |
| 2"     | PVC  | PVC  | BYV11020A0EL000      | \$351.10   | BYV11020A0VL000            | \$626.15   | BYV11020A0NL000         | \$351.10   |
|        | PVC  | GFPP | BYV14020A0EL000      | \$351.10   | BYV14020A0VL000            | \$626.15   | BYV14020A0NL000         | \$351.10   |
|        | CPVC | CPVC | BYV22020A0EL000      | \$412.60   | BYV22020A0VL000            | \$798.65   | BYV22020A0NL000         | \$412.60   |
|        | GFPP | GFPP | BYV44020A0EL000      | \$585.15   | BYV44020A0VL000            | \$1,018.20 | BYV44020A0NL000         | \$585.15   |
| 2-1/2" | PVC  | PVC  | BYV11025A0EL000      | \$394.55   | BYV11025A0VL000            | \$885.50   | BYV11025A0NL000         | \$394.55   |
|        | PVC  | GFPP | BYV14025A0EL000      | \$394.55   | BYV14025A0VL000            | \$885.50   | BYV14025A0NL000         | \$394.55   |
|        | CPVC | CPVC | BYV22025A0EL000      | \$464.50   | BYV22025A0VL000            | \$891.60   | BYV22025A0NL000         | \$464.50   |
|        | GFPP | GFPP | BYV44025A0EL000      | \$615.30   | BYV44025A0VL000            | \$1,147.35 | BYV44025A0NL000         | \$615.30   |
| 3"     | PVC  | PVC  | BYV11030A0EL000      | \$381.25   | BYV11030A0VL000            | \$728.70   | BYV11030A0NL000         | \$381.25   |
|        | PVC  | GFPP | BYV14030A0EL000      | \$381.25   | BYV14030A0VL000            | \$728.70   | BYV14030A0NL000         | \$381.25   |
|        | CPVC | CPVC | BYV22030A0EL000      | \$448.80   | BYV22030A0VL000            | \$901.25   | BYV22030A0NL000         | \$448.80   |
|        | GFPP | GFPP | BYV44030A0EL000      | \$624.95   | BYV44030A0VL000            | \$1,369.30 | BYV44030A0NL000         | \$624.95   |
| 4"     | PVC  | PVC  | BYV11040A0EL000      | \$442.80   | BYV11040A0VL000            | \$884.35   | BYV11040A0NL000         | \$442.80   |
|        | PVC  | GFPP | BYV14040A0EL000      | \$442.80   | BYV14040A0VL000            | \$884.35   | BYV14040A0NL000         | \$442.80   |
|        | CPVC | CPVC | BYV22040A0EL000      | \$521.20   | BYV22040A0VL000            | \$1,097.85 | BYV22040A0NL000         | \$521.20   |
|        | GFPP | GFPP | BYV44040A0EL000      | \$720.25   | BYV44040A0VL000            | \$1,643.15 | BYV44040A0NL000         | \$720.25   |
| 6"     | PVC  | PVC  | BYV11060A0EL000      | \$663.55   | BYV11060A0VL000            | \$1,427.25 | BYV11060A0NL000         | \$663.55   |
|        | PVC  | GFPP | BYV14060A0EL000      | \$663.55   | BYV14060A0VL000            | \$1,427.25 | BYV14060A0NL000         | \$663.55   |
|        | CPVC | CPVC | BYV22060A0EL000      | \$781.75   | BYV22060A0VL000            | \$1,772.25 | BYV22060A0NL000         | \$781.75   |
|        | GFPP | GFPP | BYV44060A0EL000      | \$1,087.00 | BYV44060A0VL000            | \$2,930.45 | BYV44060A0NL000         | \$1,087.00 |
| 8"     | PVC  | PVC  | BYV11080A0EL000      | \$1,232.95 | BYV11080A0VL000            | \$2,385.15 | BYV11080A0NL000         | \$1,232.95 |
|        | PVC  | GFPP | BYV14080A0EL000      | \$1,232.95 | BYV14080A0VL000            | \$2,385.15 | BYV14080A0NL000         | \$1,232.95 |
|        | CPVC | CPVC | BYV22080A0EL000      | \$1,451.35 | BYV22080A0VL000            | \$2,665.00 | BYV22080A0NL000         | \$1,451.35 |
|        | GFPP | GFPP | BYV44080A0EL000      | \$1,912.20 | BYV44080A0VL000            | \$3,920.90 | BYV44080A0NL000         | \$1,912.20 |
| 8"     | PVC  | PVC  | BYV11080A0EG000      | \$1,641.95 | BYV11080A0VG000            | \$2,944.90 | BYV11080A0NG000         | \$1,641.95 |
|        | PVC  | GFPP | BYV14080A0EG000      | \$1,495.95 | BYV14080A0VG000            | \$2,944.90 | BYV14080A0NG000         | \$1,495.95 |
|        | CPVC | CPVC | BYV22080A0EG000      | \$1,802.40 | BYV22080A0VG000            | \$3,291.15 | BYV22080A0NG000         | \$1,802.40 |
|        | GFPP | GFPP | BYV44080A0EG000      | \$2,921.95 | BYV44080A0VG000            | \$5,145.45 | BYV44080A0NG000         | \$2,921.95 |
| 10"    | PVC  | PVC  | BYV11100A0EG000      | \$2,352.55 | BYV11100A0VG000            | \$5,013.90 | BYV11100A0NG000         | \$2,352.55 |
|        | PVC  | GFPP | BYV14100A0EG000      | \$2,079.90 | BYV14100A0VG000            | \$5,013.90 | BYV14100A0NG000         | \$2,079.90 |
|        | CPVC | CPVC | BYV22100A0EG000      | \$2,756.70 | BYV22100A0VG000            | \$6,151.60 | BYV22100A0NG000         | \$2,756.70 |
|        | GFPP | GFPP | BYV44100A0EG000      | \$3,929.35 | BYV44100A0VG000            | \$6,508.70 | BYV44100A0NG000         | \$3,929.35 |
| 12"    | PVC  | PVC  | BYV11120A0EG000      | \$3,661.55 | BYV11120A0VG000            | \$7,374.90 | BYV11120A0NG000         | \$3,661.55 |
|        | PVC  | GFPP | BYV14120A0EG000      | \$3,390.05 | BYV14120A0VG000            | \$7,374.90 | BYV14120A0NG000         | \$3,390.05 |
|        | CPVC | CPVC | BYV22120A0EG000      | \$4,017.40 | BYV22120A0VG000            | \$9,048.20 | BYV22120A0NG000         | \$4,017.40 |
|        | GFPP | GFPP | BYV44120A0EG000      | \$5,442.20 | BYV44120A0VG000            | \$9,237.65 | BYV44120A0NG000         | \$5,442.20 |



# BYV SERIES BUTTERFLY VALVES

## \*\*LUGGED\*\*

The lugged BYV features overmolded 316 stainless steel lugs.



PVC/EPDM 2" - 12"  
CPVC/EPDM 4" - 12"

| SIZE   | BODY | DISC | EPDM LINER AND SEALS |            | VITON® LINER AND FPM SEALS |             | NITRILE LINER AND SEALS |            |
|--------|------|------|----------------------|------------|----------------------------|-------------|-------------------------|------------|
|        |      |      | PART NO.             | LIST PRICE | PART NO.                   | LIST PRICE  | PART NO.                | LIST PRICE |
| 2"     | PVC  | PVC  | BYV11020A0ELI00      | \$941.00   | BYV11020A0VLI00            | \$1,204.20  | BYV11020A0NLI00         | \$941.00   |
|        | PVC  | GFPP | BYV14020A0ELI00      | \$877.70   | BYV14020A0VLI00            | \$1,204.20  | BYV14020A0NLI00         | \$877.70   |
|        | CPVC | CPVC | BYV22020A0ELI00      | \$1,031.50 | BYV22020A0VLI00            | \$1,452.05  | BYV22020A0NLI00         | \$1,031.50 |
|        | GFPP | GFPP | BYV44020A0ELI00      | \$1,170.25 | BYV44020A0VLI00            | \$1,697.10  | BYV44020A0NLI00         | \$1,170.25 |
| 2-1/2" | PVC  | PVC  | BYV11025A0ELI00      | \$966.40   | BYV11025A0VLI00            | \$1,500.95  | BYV11025A0NLI00         | \$966.40   |
|        | PVC  | GFPP | BYV14025A0ELI00      | \$939.35   | BYV14025A0VLI00            | \$1,475.85  | BYV14025A0NLI00         | \$939.35   |
|        | CPVC | CPVC | BYV22025A0ELI00      | \$1,032.25 | BYV22025A0VLI00            | \$1,485.95  | BYV22025A0NLI00         | \$1,032.25 |
|        | GFPP | GFPP | BYV44025A0ELI00      | \$1,230.55 | BYV44025A0VLI00            | \$1,912.20  | BYV44025A0NLI00         | \$1,230.55 |
| 3"     | PVC  | PVC  | BYV11030A0ELI00      | \$1,013.40 | BYV11030A0VLI00            | \$1,324.95  | BYV11030A0NLI00         | \$1,013.40 |
|        | PVC  | GFPP | BYV14030A0ELI00      | \$929.85   | BYV14030A0VLI00            | \$1,301.30  | BYV14030A0NLI00         | \$929.85   |
|        | CPVC | CPVC | BYV22030A0ELI00      | \$1,078.85 | BYV22030A0VLI00            | \$1,502.05  | BYV22030A0NLI00         | \$998.90   |
|        | GFPP | GFPP | BYV44030A0ELI00      | \$1,249.85 | BYV44030A0VLI00            | \$2,282.20  | BYV44030A0NLI00         | \$1,249.85 |
| 4"     | PVC  | PVC  | BYV11040A0ELI00      | \$1,014.65 | BYV11040A0VLI00            | \$2,056.65  | BYV11040A0NLI00         | \$1,014.65 |
|        | PVC  | GFPP | BYV14040A0ELI00      | \$1,581.30 | BYV14040A0VLI00            | \$2,009.80  | BYV14040A0NLI00         | \$1,581.30 |
|        | CPVC | CPVC | BYV22040A0ELI00      | \$1,690.95 | BYV22040A0VLI00            | \$2,210.70  | BYV22040A0NLI00         | \$1,690.95 |
|        | GFPP | GFPP | BYV44040A0ELI00      | \$1,800.65 | BYV44040A0VLI00            | \$2,738.60  | BYV44040A0NLI00         | \$1,800.65 |
| 6"     | PVC  | PVC  | BYV11060A0ELI00      | \$1,681.75 | BYV11060A0VLI00            | \$2,854.40  | BYV11060A0NLI00         | \$1,681.75 |
|        | PVC  | GFPP | BYV14060A0ELI00      | \$2,073.65 | BYV14060A0VLI00            | \$2,854.40  | BYV14060A0NLI00         | \$2,073.65 |
|        | CPVC | CPVC | BYV22060A0ELI00      | \$2,090.55 | BYV22060A0VLI00            | \$3,101.05  | BYV22060A0NLI00         | \$2,090.55 |
|        | GFPP | GFPP | BYV44060A0ELI00      | \$2,174.00 | BYV44060A0VLI00            | \$4,884.00  | BYV44060A0NLI00         | \$2,174.00 |
| 8"     | PVC  | PVC  | BYV11080A0ELI00      | \$2,215.00 | BYV11080A0VLI00            | \$3,975.20  | BYV11080A0NLI00         | \$2,215.00 |
|        | PVC  | GFPP | BYV14080A0ELI00      | \$2,739.95 | BYV14080A0VLI00            | \$3,975.20  | BYV14080A0NLI00         | \$2,739.95 |
|        | CPVC | CPVC | BYV22080A0ELI00      | \$2,826.35 | BYV22080A0VLI00            | \$4,125.95  | BYV22080A0NLI00         | \$2,826.35 |
|        | GFPP | GFPP | BYV44080A0ELI00      | \$3,476.70 | BYV44080A0VLI00            | \$6,534.90  | BYV44080A0NLI00         | \$3,476.70 |
| 8"     | PVC  | PVC  | BYV11080A0EGI00      | \$2,979.85 | BYV11080A0VGI00            | \$4,749.85  | BYV11080A0NGI00         | \$2,979.85 |
|        | PVC  | GFPP | BYV14080A0EGI00      | \$2,822.55 | BYV14080A0VGI00            | \$4,908.15  | BYV14080A0NGI00         | \$2,991.95 |
|        | CPVC | CPVC | BYV22080A0EGI00      | \$3,091.75 | BYV22080A0VGI00            | \$4,721.50  | BYV22080A0NGI00         | \$3,091.75 |
|        | GFPP | GFPP | BYV44080A0EGI00      | \$5,312.60 | BYV44080A0VGI00            | \$7,915.95  | BYV44080A0NGI00         | \$5,312.60 |
| 10"    | PVC  | PVC  | BYV11100A0EGI00      | \$5,197.15 | BYV11100A0VGI00            | \$8,093.00  | BYV11100A0NGI00         | \$5,197.15 |
|        | PVC  | GFPP | BYV14100A0EGI00      | \$5,199.70 | BYV14100A0VGI00            | \$8,356.60  | BYV14100A0NGI00         | \$5,473.35 |
|        | CPVC | CPVC | BYV22100A0EGI00      | \$7,254.50 | BYV22100A0VGI00            | \$16,188.35 | BYV22100A0NGI00         | \$7,254.50 |
|        | GFPP | GFPP | BYV44100A0EGI00      | \$7,858.65 | BYV44100A0VGI00            | \$10,013.35 | BYV44100A0NGI00         | \$7,858.65 |
| 12"    | PVC  | PVC  | BYV11120A0EGI00      | \$6,560.85 | BYV11120A0VGI00            | \$10,481.05 | BYV11120A0NGI00         | \$6,560.85 |
|        | PVC  | GFPP | BYV14120A0EGI00      | \$6,396.35 | BYV14120A0VGI00            | \$11,346.00 | BYV14120A0NGI00         | \$7,062.70 |
|        | CPVC | CPVC | BYV22120A0EGI00      | \$8,547.65 | BYV22120A0VGI00            | \$19,251.40 | BYV22120A0NGI00         | \$8,547.65 |
|        | GFPP | GFPP | BYV44120A0EGI00      | \$9,894.85 | BYV44120A0VGI00            | \$14,211.70 | BYV44120A0NGI00         | \$9,894.85 |

BUTTERFLY VALVES



# BYV SERIES BUTTERFLY VALVES

## \*\*GEAR OPERATED\*\*

The BYV Series are available with cast aluminium gear operator for all sizes with IP65 rated housing and steel internal components designed to enhance its quality, reliability and environmental specifications. Gear operators with IP68 rating available upon request. Consult Customer Service for pricing.



| SIZE   | BODY | DISC | EPDM LINER AND SEALS |            | VITON® LINER AND FPM SEALS |            | NITRILE LINER AND SEALS |            |
|--------|------|------|----------------------|------------|----------------------------|------------|-------------------------|------------|
|        |      |      | PART NO.             | LIST PRICE | PART NO.                   | LIST PRICE | PART NO.                | LIST PRICE |
| 2"     | PVC  | PVC  | BYV11020A0EG000      | \$882.15   | BYV11020A0VG000            | \$1,157.25 | BYV11020A0NG000         | \$882.15   |
|        | PVC  | GFPP | BYV14020A0EG000      | \$882.15   | BYV14020A0VG000            | \$1,157.25 | BYV14020A0NG000         | \$882.15   |
|        | CPVC | CPVC | BYV22020A0EG000      | \$943.70   | BYV22020A0VG000            | \$1,281.20 | BYV22020A0NG000         | \$943.70   |
|        | GFPP | GFPP | BYV44020A0EG000      | \$1,116.20 | BYV44020A0VG000            | \$1,500.80 | BYV44020A0NG000         | \$1,116.20 |
| 2-1/2" | PVC  | PVC  | BYV11025A0EG000      | \$925.60   | BYV11025A0VG000            | \$1,416.65 | BYV11025A0NG000         | \$925.60   |
|        | PVC  | GFPP | BYV14025A0EG000      | \$925.60   | BYV14025A0VG000            | \$1,416.65 | BYV14025A0NG000         | \$925.60   |
|        | CPVC | CPVC | BYV22025A0EG000      | \$995.55   | BYV22025A0VG000            | \$1,374.15 | BYV22025A0NG000         | \$995.55   |
|        | GFPP | GFPP | BYV44025A0EG000      | \$1,146.40 | BYV44025A0VG000            | \$1,629.90 | BYV44025A0NG000         | \$1,146.40 |
| 3"     | PVC  | PVC  | BYV11030A0EG000      | \$912.35   | BYV11030A0VG000            | \$1,259.80 | BYV11030A0NG000         | \$912.35   |
|        | PVC  | GFPP | BYV14030A0EG000      | \$912.35   | BYV14030A0VG000            | \$1,259.80 | BYV14030A0NG000         | \$912.35   |
|        | CPVC | CPVC | BYV22030A0EG000      | \$979.90   | BYV22030A0VG000            | \$1,383.80 | BYV22030A0NG000         | \$979.90   |
|        | GFPP | GFPP | BYV44030A0EG000      | \$1,156.05 | BYV44030A0VG000            | \$1,851.90 | BYV44030A0NG000         | \$1,156.05 |
| 4"     | PVC  | PVC  | BYV11040A0EG000      | \$973.85   | BYV11040A0VG000            | \$1,415.40 | BYV11040A0NG000         | \$973.85   |
|        | PVC  | GFPP | BYV14040A0EG000      | \$973.85   | BYV14040A0VG000            | \$1,415.40 | BYV14040A0NG000         | \$973.85   |
|        | CPVC | CPVC | BYV22040A0EG000      | \$1,052.30 | BYV22040A0VG000            | \$1,580.40 | BYV22040A0NG000         | \$1,052.30 |
|        | GFPP | GFPP | BYV44040A0EG000      | \$1,251.35 | BYV44040A0VG000            | \$2,125.70 | BYV44040A0NG000         | \$1,251.35 |
| 6"     | PVC  | PVC  | BYV11060A0EG000      | \$1,073.70 | BYV11060A0VG000            | \$1,837.40 | BYV11060A0NG000         | \$1,073.70 |
|        | PVC  | GFPP | BYV14060A0EG000      | \$1,073.70 | BYV14060A0VG000            | \$1,837.40 | BYV14060A0NG000         | \$1,073.70 |
|        | CPVC | CPVC | BYV22060A0EG000      | \$1,191.95 | BYV22060A0VG000            | \$2,182.45 | BYV22060A0NG000         | \$1,191.95 |
|        | GFPP | GFPP | BYV44060A0EG000      | \$1,497.20 | BYV44060A0VG000            | \$3,340.60 | BYV44060A0NG000         | \$1,497.20 |
| 8"     | PVC  | PVC  | BYV11080A0EG000      | \$1,641.95 | BYV11080A0VG000            | \$2,944.90 | BYV11080A0NG000         | \$1,641.95 |
|        | PVC  | GFPP | BYV14080A0EG000      | \$1,495.95 | BYV14080A0VG000            | \$2,944.90 | BYV14080A0NG000         | \$1,495.95 |
|        | CPVC | CPVC | BYV22080A0EG000      | \$1,802.40 | BYV22080A0VG000            | \$3,291.15 | BYV22080A0NG000         | \$1,802.40 |
|        | GFPP | GFPP | BYV44080A0EG000      | \$2,921.95 | BYV44080A0VG000            | \$5,145.45 | BYV44080A0NG000         | \$2,921.95 |
| 10"    | PVC  | PVC  | BYV11100A0EG000      | \$2,352.55 | BYV11100A0VG000            | \$5,013.90 | BYV11100A0NG000         | \$2,352.55 |
|        | PVC  | GFPP | BYV14100A0EG000      | \$2,079.90 | BYV14100A0VG000            | \$5,013.90 | BYV14100A0NG000         | \$2,079.90 |
|        | CPVC | CPVC | BYV22100A0EG000      | \$2,756.70 | BYV22100A0VG000            | \$6,151.60 | BYV22100A0NG000         | \$2,756.70 |
|        | GFPP | GFPP | BYV44100A0EG000      | \$3,929.35 | BYV44100A0VG000            | \$6,508.70 | BYV44100A0NG000         | \$3,929.35 |
| 12"    | PVC  | PVC  | BYV11120A0EG000      | \$3,661.55 | BYV11120A0VG000            | \$7,374.90 | BYV11120A0NG000         | \$3,661.55 |
|        | PVC  | GFPP | BYV14120A0EG000      | \$3,390.05 | BYV14120A0VG000            | \$7,374.90 | BYV14120A0NG000         | \$3,390.05 |
|        | CPVC | CPVC | BYV22120A0EG000      | \$4,017.40 | BYV22120A0VG000            | \$9,048.20 | BYV22120A0NG000         | \$4,017.40 |
|        | GFPP | GFPP | BYV44120A0EG000      | \$5,442.20 | BYV44120A0VG000            | \$9,237.65 | BYV44120A0NG000         | \$5,442.20 |



# BYV SERIES BUTTERFLY VALVES

## \*\*LUGGED, GEAR OPERATED\*\*

The lugged BYV features overmolded 316 stainless steel lugs.



PVC/EPDM 2" - 12"  
CPVC/EPDM 4" - 12"

| SIZE   | BODY | DISC | EPDM LINER AND SEALS |            | VITON® LINER AND FPM SEALS |             | NITRILE LINER AND SEALS |            |
|--------|------|------|----------------------|------------|----------------------------|-------------|-------------------------|------------|
|        |      |      | PART NO.             | LIST PRICE | PART NO.                   | LIST PRICE  | PART NO.                | LIST PRICE |
| 2"     | PVC  | PVC  | BYV11020A0EG100      | \$1,472.15 | BYV11020A0VGI00            | \$1,735.25  | BYV11020A0NGI00         | \$1,472.15 |
|        | PVC  | GFPP | BYV14020A0EG100      | \$1,408.75 | BYV14020A0VGI00            | \$1,735.25  | BYV14020A0NGI00         | \$1,408.75 |
|        | CPVC | CPVC | BYV22020A0EG100      | \$1,562.60 | BYV22020A0VGI00            | \$1,934.65  | BYV22020A0NGI00         | \$1,562.60 |
|        | GFPP | GFPP | BYV44020A0EG100      | \$1,701.35 | BYV44020A0VGI00            | \$2,179.70  | BYV44020A0NGI00         | \$1,701.35 |
| 2-1/2" | PVC  | PVC  | BYV11025A0EG100      | \$1,497.45 | BYV11025A0VGI00            | \$2,032.05  | BYV11025A0NGI00         | \$1,497.45 |
|        | PVC  | GFPP | BYV14025A0EG100      | \$1,470.45 | BYV14025A0VGI00            | \$2,006.90  | BYV14025A0NGI00         | \$1,470.45 |
|        | CPVC | CPVC | BYV22025A0EG100      | \$1,563.30 | BYV22025A0VGI00            | \$1,968.55  | BYV22025A0NGI00         | \$1,563.30 |
|        | GFPP | GFPP | BYV44025A0EG100      | \$1,761.65 | BYV44025A0VGI00            | \$2,394.80  | BYV44025A0NGI00         | \$1,761.65 |
| 3"     | PVC  | PVC  | BYV11030A0EG100      | \$1,544.50 | BYV11030A0VGI00            | \$1,856.00  | BYV11030A0NGI00         | \$1,544.50 |
|        | PVC  | GFPP | BYV14030A0EG100      | \$1,460.90 | BYV14030A0VGI00            | \$1,832.35  | BYV14030A0NGI00         | \$1,460.90 |
|        | CPVC | CPVC | BYV22030A0EG100      | \$1,609.90 | BYV22030A0VGI00            | \$1,984.60  | BYV22030A0NGI00         | \$1,609.90 |
|        | GFPP | GFPP | BYV44030A0EG100      | \$1,781.00 | BYV44030A0VGI00            | \$2,764.75  | BYV44030A0NGI00         | \$1,781.00 |
| 4"     | PVC  | PVC  | BYV11040A0EG100      | \$1,545.70 | BYV11040A0VGI00            | \$2,587.70  | BYV11040A0NGI00         | \$1,545.70 |
|        | PVC  | GFPP | BYV14040A0EG100      | \$2,112.35 | BYV14040A0VGI00            | \$2,540.90  | BYV14040A0NGI00         | \$2,112.35 |
|        | CPVC | CPVC | BYV22040A0EG100      | \$2,222.00 | BYV22040A0VGI00            | \$2,693.25  | BYV22040A0NGI00         | \$2,222.00 |
|        | GFPP | GFPP | BYV44040A0EG100      | \$2,331.70 | BYV44040A0VGI00            | \$3,221.15  | BYV44040A0NGI00         | \$2,331.70 |
| 6"     | PVC  | PVC  | BYV11060A0EG100      | \$2,091.95 | BYV11060A0VGI00            | \$3,264.60  | BYV11060A0NGI00         | \$2,091.95 |
|        | PVC  | GFPP | BYV14060A0EG100      | \$2,483.80 | BYV14060A0VGI00            | \$3,264.60  | BYV14060A0NGI00         | \$2,483.80 |
|        | CPVC | CPVC | BYV22060A0EG100      | \$2,500.70 | BYV22060A0VGI00            | \$3,511.25  | BYV22060A0NGI00         | \$2,500.70 |
|        | GFPP | GFPP | BYV44060A0EG100      | \$2,584.15 | BYV44060A0VGI00            | \$5,294.20  | BYV44060A0NGI00         | \$2,584.15 |
| 8"     | PVC  | PVC  | BYV11080A0EG100      | \$2,979.85 | BYV11080A0VGI00            | \$4,749.85  | BYV11080A0NGI00         | \$2,979.85 |
|        | PVC  | GFPP | BYV14080A0EG100      | \$2,822.55 | BYV14080A0VGI00            | \$4,908.15  | BYV14080A0NGI00         | \$2,991.95 |
|        | CPVC | CPVC | BYV22080A0EG100      | \$3,091.75 | BYV22080A0VGI00            | \$4,721.50  | BYV22080A0NGI00         | \$3,091.75 |
|        | GFPP | GFPP | BYV44080A0EG100      | \$5,312.60 | BYV44080A0VGI00            | \$7,915.95  | BYV44080A0NGI00         | \$5,312.60 |
| 10"    | PVC  | PVC  | BYV11100A0EG100      | \$5,197.15 | BYV11100A0VGI00            | \$8,093.00  | BYV11100A0NGI00         | \$5,197.15 |
|        | PVC  | GFPP | BYV14100A0EG100      | \$5,199.70 | BYV14100A0VGI00            | \$8,356.60  | BYV14100A0NGI00         | \$5,473.35 |
|        | CPVC | CPVC | BYV22100A0EG100      | \$7,254.50 | BYV22100A0VGI00            | \$16,188.35 | BYV22100A0NGI00         | \$7,254.50 |
|        | GFPP | GFPP | BYV44100A0EG100      | \$7,858.65 | BYV44100A0VGI00            | \$10,013.35 | BYV44100A0NGI00         | \$7,858.65 |
| 12"    | PVC  | PVC  | BYV11120A0EG100      | \$6,560.85 | BYV11120A0VGI00            | \$10,481.05 | BYV11120A0NGI00         | \$6,560.85 |
|        | PVC  | GFPP | BYV14120A0EG100      | \$6,396.35 | BYV14120A0VGI00            | \$11,346.00 | BYV14120A0NGI00         | \$7,062.70 |
|        | CPVC | CPVC | BYV22120A0EG100      | \$8,547.65 | BYV22120A0VGI00            | \$19,251.40 | BYV22120A0NGI00         | \$8,547.65 |
|        | GFPP | GFPP | BYV44120A0EG100      | \$9,894.85 | BYV44120A0VGI00            | \$14,211.70 | BYV44120A0NGI00         | \$9,894.85 |

BUTTERFLY VALVES

## BUTTERFLY VALVE OPTIONS – BYV

Add to price of butterfly valves above. Exchange 0 for an 8 to get the Titanium Shaft Adder Part Number.  
e.g. Part No. BYV11020A0VL000 with a Titanium Shaft is BYV11020A8VL000.



| SIZE | TITANIUM SHAFT (ADDER TO LIST PRICE) | CHAIN OPERATOR (CO2RA) | PART NO.  | 2" SQUARE NUT* |
|------|--------------------------------------|------------------------|-----------|----------------|
| 2"   | \$639.40                             | \$696.75               | SQNUTBYV3 | \$202.40       |
| 3"   | \$639.40                             | \$696.75               | SQNUTBYV3 | \$202.40       |
| 4"   | \$753.55                             | \$696.75               | SQNUTBYV4 | \$202.40       |

\*Square nuts are available for the gear box, consult factory.

| SIZE | TITANIUM SHAFT (ADDER TO LIST PRICE) | CHAIN OPERATOR (CO2RA) | PART NO.  | 2" SQUARE NUT* |
|------|--------------------------------------|------------------------|-----------|----------------|
| 6"   | \$1,239.20                           | \$696.75               | SQNUTBYV6 | \$202.40       |
| 8"   | \$2,070.95                           | \$696.75               | SQNUTBYV8 | \$202.40       |
| 10"  | POA                                  | POA                    | N/A       | N/A            |
| 12"  | POA                                  | POA                    | N/A       | N/A            |



# BYV SERIES BUTTERFLY VALVES

## \*\*ACTUATION READY\*\*



PVC/EPDM 2" - 12"  
CPVC/EPDM 4" - 12"

The BYV Series features an ISO5211 Mounting Pad and Drive Stem making actuation easier and more economical. Hayward's vast range of pneumatic and electric actuators are the perfect compliment to the BYV Series. Hayward's in house actuation center provides you with a full range of options and accessories as well.

| SIZE   | BODY | DISC | EPDM LINER<br>AND SEALS |            | VITON® LINER<br>AND FPM SEALS |            | NITRILE LINER<br>AND SEALS |            |
|--------|------|------|-------------------------|------------|-------------------------------|------------|----------------------------|------------|
|        |      |      | PART NO.                | LIST PRICE | PART NO.                      | LIST PRICE | PART NO.                   | LIST PRICE |
| 2"     | PVC  | PVC  | BYV11020A0EK000         | \$315.95   | BYV11020A0VK000               | \$569.85   | BYV11020A0NK000            | \$315.95   |
|        | PVC  | GFPP | BYV14020A0EK000         | \$315.95   | BYV14020A0VK000               | \$569.85   | BYV14020A0NK000            | \$315.95   |
|        | CPVC | CPVC | BYV22020A0EK000         | \$379.60   | BYV22020A0VK000               | \$734.75   | BYV22020A0NK000            | \$379.60   |
|        | GFPP | GFPP | BYV44020A0EK000         | \$538.35   | BYV44020A0VK000               | \$936.85   | BYV44020A0NK000            | \$538.35   |
| 2-1/2" | PVC  | PVC  | BYV11025A0EK000         | \$355.10   | BYV11025A0VK000               | \$823.55   | BYV11025A0NK000            | \$355.10   |
|        | PVC  | GFPP | BYV14025A0EK000         | \$355.10   | BYV14025A0VK000               | \$823.55   | BYV14025A0NK000            | \$355.10   |
|        | CPVC | CPVC | BYV22025A0EK000         | \$427.35   | BYV22025A0VK000               | \$820.25   | BYV22025A0NK000            | \$427.35   |
|        | GFPP | GFPP | BYV44025A0EK000         | \$566.10   | BYV44025A0VK000               | \$1,055.55 | BYV44025A0NK000            | \$566.10   |
| 3"     | PVC  | PVC  | BYV11030A0EK000         | \$343.15   | BYV11030A0VK000               | \$677.65   | BYV11030A0NK000            | \$343.15   |
|        | PVC  | GFPP | BYV14030A0EK000         | \$343.15   | BYV14030A0VK000               | \$677.65   | BYV14030A0NK000            | \$343.15   |
|        | CPVC | CPVC | BYV22030A0EK000         | \$412.90   | BYV22030A0VK000               | \$829.10   | BYV22030A0NK000            | \$412.90   |
|        | GFPP | GFPP | BYV44030A0EK000         | \$575.00   | BYV44030A0VK000               | \$1,259.80 | BYV44030A0NK000            | \$575.00   |
| 4"     | PVC  | PVC  | BYV11040A0EK000         | \$398.55   | BYV11040A0VK000               | \$831.25   | BYV11040A0NK000            | \$398.55   |
|        | PVC  | GFPP | BYV14040A0EK000         | \$398.55   | BYV14040A0VK000               | \$831.25   | BYV14040A0NK000            | \$398.55   |
|        | CPVC | CPVC | BYV22040A0EK000         | \$479.45   | BYV22040A0VK000               | \$1,010.05 | BYV22040A0NK000            | \$479.45   |
|        | GFPP | GFPP | BYV44040A0EK000         | \$662.60   | BYV44040A0VK000               | \$1,511.70 | BYV44040A0NK000            | \$662.60   |
| 6"     | PVC  | PVC  | BYV11060A0EK000         | \$597.20   | BYV11060A0VK000               | \$1,370.15 | BYV11060A0NK000            | \$597.20   |
|        | PVC  | GFPP | BYV14060A0EK000         | \$597.20   | BYV14060A0VK000               | \$1,370.15 | BYV14060A0NK000            | \$597.20   |
|        | CPVC | CPVC | BYV22060A0EK000         | \$719.30   | BYV22060A0VK000               | \$1,630.50 | BYV22060A0NK000            | \$719.30   |
|        | GFPP | GFPP | BYV44060A0EK000         | \$1,000.05 | BYV44060A0VK000               | \$2,696.05 | BYV44060A0NK000            | \$1,000.05 |
| 8"     | PVC  | PVC  | BYV11080A0EK000         | \$1,109.70 | BYV11080A0VK000               | \$2,289.70 | BYV11080A0NK000            | \$1,109.70 |
|        | PVC  | GFPP | BYV14080A0EK000         | \$1,109.70 | BYV14080A0VK000               | \$2,289.70 | BYV14080A0NK000            | \$1,109.70 |
|        | CPVC | CPVC | BYV22080A0EK000         | \$1,335.30 | BYV22080A0VK000               | \$2,451.85 | BYV22080A0NK000            | \$1,335.30 |
|        | GFPP | GFPP | BYV44080A0EK000         | \$1,759.25 | BYV44080A0VK000               | \$3,607.20 | BYV44080A0NK000            | \$1,759.25 |
| 10"    | PVC  | PVC  | BYV11100A0EK000         | \$1,999.65 | BYV11100A0VK000               | \$4,663.00 | BYV11100A0NK000            | \$1,999.65 |
|        | PVC  | GFPP | BYV14100A0EK000         | \$1,767.90 | BYV14100A0VK000               | \$4,663.00 | BYV14100A0NK000            | \$1,767.90 |
|        | CPVC | CPVC | BYV22100A0EK000         | \$2,398.35 | BYV22100A0VK000               | \$5,351.90 | BYV22100A0NK000            | \$2,398.35 |
|        | GFPP | GFPP | BYV44100A0EK000         | \$3,418.55 | BYV44100A0VK000               | \$5,662.60 | BYV44100A0NK000            | \$3,418.55 |
| 12"    | PVC  | PVC  | BYV11120A0EK000         | \$3,112.30 | BYV11120A0VK000               | \$6,858.65 | BYV11120A0NK000            | \$3,039.05 |
|        | PVC  | GFPP | BYV14120A0EK000         | \$2,881.60 | BYV14120A0VK000               | \$6,858.65 | BYV14120A0NK000            | \$2,881.60 |
|        | CPVC | CPVC | BYV22120A0EK000         | \$3,495.15 | BYV22120A0VK000               | \$7,871.95 | BYV22120A0NK000            | \$3,495.15 |
|        | GFPP | GFPP | BYV44120A0EK000         | \$4,734.80 | BYV44120A0VK000               | \$8,036.75 | BYV44120A0NK000            | \$4,734.80 |

All valves are Bare Stem only and do not include Hardware and Assembly.  
Consult pricing on page 39 for Hardware and Assembly.

# BYV SERIES BUTTERFLY VALVES

## \*\*ACTUATION HARDWARE AND ASSEMBLY\*\*

### HARDWARE AND ASSEMBLY

| SIZE    | PART NO.* | LIST PRICE |
|---------|-----------|------------|
| 2"-4"   | BYVMKT24  | \$122.40   |
| 6"-8"   | BYVMKT68  | \$183.60   |
| 10"-12" | BYVMKT12  | \$244.80   |

\* The above part numbers are not for ordering extra hardware or mounting kits. Please contact Customer Service for part numbers.

Hayward is now introducing a New Actuation Pricing Structure for ordering actuated BYV Series, due to its ease of actuation, making it more economical. In addition to ordering the valve and actuator, please include one of three standard part numbers listed below for hardware and assembly by size of the valve.



## BYV SERIES BUTTERFLY VALVES

### \*\*LUGGED, ACTUATION READY\*\*

The BYV features reinforced lug holes and can be ordered with overmolded 316 stainless steel lugs for dead end service needs.



PVC/EPDM 2" - 12"  
CPVC/EPDM 4" - 12"

| SIZE   | BODY | DISC | EPDM LINER AND SEALS |            | VITON® LINER AND FPM SEALS |             | NITRILE LINER AND SEALS |            |
|--------|------|------|----------------------|------------|----------------------------|-------------|-------------------------|------------|
|        |      |      | PART NO.             | LIST PRICE | PART NO.                   | LIST PRICE  | PART NO.                | LIST PRICE |
| 2"     | PVC  | PVC  | BYV11020A0EKI00      | \$905.95   | BYV11020A0VKI00            | \$1,147.80  | BYV11020A0NKI00         | \$905.95   |
|        | PVC  | GFPP | BYV14020A0EKI00      | \$842.60   | BYV14020A0VKI00            | \$1,147.80  | BYV14020A0NKI00         | \$842.60   |
|        | CPVC | CPVC | BYV22020A0EKI00      | \$998.45   | BYV22020A0VKI00            | \$1,388.15  | BYV22020A0NKI00         | \$998.45   |
|        | GFPP | GFPP | BYV44020A0EKI00      | \$1,123.45 | BYV44020A0VKI00            | \$1,615.65  | BYV44020A0NKI00         | \$1,123.45 |
| 2-1/2" | PVC  | PVC  | BYV11025A0EKI00      | \$926.95   | BYV11025A0VKI00            | \$1,438.95  | BYV11025A0NKI00         | \$926.95   |
|        | PVC  | GFPP | BYV14025A0EKI00      | \$899.90   | BYV14025A0VKI00            | \$1,413.80  | BYV14025A0NKI00         | \$899.90   |
|        | CPVC | CPVC | BYV22025A0EKI00      | \$995.10   | BYV22025A0VKI00            | \$1,414.70  | BYV22025A0NKI00         | \$995.10   |
|        | GFPP | GFPP | BYV44025A0EKI00      | \$1,181.35 | BYV44025A0VKI00            | \$1,820.40  | BYV44025A0NKI00         | \$1,181.35 |
| 3"     | PVC  | PVC  | BYV11030A0EKI00      | \$975.30   | BYV11030A0VKI00            | \$1,273.85  | BYV11030A0NKI00         | \$975.30   |
|        | PVC  | GFPP | BYV14030A0EKI00      | \$891.70   | BYV14030A0VKI00            | \$1,250.25  | BYV14030A0NKI00         | \$891.70   |
|        | CPVC | CPVC | BYV22030A0EKI00      | \$963.00   | BYV22030A0VKI00            | \$1,429.90  | BYV22030A0NKI00         | \$963.00   |
|        | GFPP | GFPP | BYV44030A0EKI00      | \$1,199.95 | BYV44030A0VKI00            | \$2,172.70  | BYV44030A0NKI00         | \$1,199.95 |
| 4"     | PVC  | PVC  | BYV11040A0EKI00      | \$970.40   | BYV11040A0VKI00            | \$2,003.55  | BYV11040A0NKI00         | \$970.40   |
|        | PVC  | GFPP | BYV14040A0EKI00      | \$1,537.00 | BYV14040A0VKI00            | \$1,956.70  | BYV14040A0NKI00         | \$1,537.00 |
|        | CPVC | CPVC | BYV22040A0EKI00      | \$1,649.20 | BYV22040A0VKI00            | \$2,122.85  | BYV22040A0NKI00         | \$1,649.20 |
|        | GFPP | GFPP | BYV44040A0EKI00      | \$1,742.95 | BYV44040A0VKI00            | \$2,607.10  | BYV44040A0NKI00         | \$1,742.95 |
| 6"     | PVC  | PVC  | BYV11060A0EKI00      | \$1,579.25 | BYV11060A0VKI00            | \$2,960.20  | BYV11060A0NKI00         | \$1,579.25 |
|        | PVC  | GFPP | BYV14060A0EKI00      | \$2,104.20 | BYV14060A0VKI00            | \$2,960.20  | BYV14060A0NKI00         | \$2,104.20 |
|        | CPVC | CPVC | BYV22060A0EKI00      | \$2,094.25 | BYV22060A0VKI00            | \$3,091.50  | BYV22060A0NKI00         | \$2,094.25 |
|        | GFPP | GFPP | BYV44060A0EKI00      | \$2,564.50 | BYV44060A0VKI00            | \$5,310.00  | BYV44060A0NKI00         | \$2,564.50 |
| 8"     | PVC  | PVC  | BYV11080A0EKI00      | \$2,447.65 | BYV11080A0VKI00            | \$4,094.60  | BYV11080A0NKI00         | \$2,447.65 |
|        | PVC  | GFPP | BYV14080A0EKI00      | \$2,436.25 | BYV14080A0VKI00            | \$4,252.90  | BYV14080A0NKI00         | \$2,605.65 |
|        | CPVC | CPVC | BYV22080A0EKI00      | \$2,624.60 | BYV22080A0VKI00            | \$3,882.15  | BYV22080A0NKI00         | \$2,624.60 |
|        | GFPP | GFPP | BYV44080A0EKI00      | \$4,149.85 | BYV44080A0VKI00            | \$6,377.80  | BYV44080A0NKI00         | \$4,149.85 |
| 10"    | PVC  | PVC  | BYV11100A0EKI00      | \$4,844.30 | BYV11100A0VKI00            | \$7,742.00  | BYV11100A0NKI00         | \$4,844.30 |
|        | PVC  | GFPP | BYV14100A0EKI00      | \$4,887.75 | BYV14100A0VKI00            | \$8,005.60  | BYV14100A0NKI00         | \$5,161.40 |
|        | CPVC | CPVC | BYV22100A0EKI00      | \$6,896.20 | BYV22100A0VKI00            | \$15,388.55 | BYV22100A0NKI00         | \$6,896.20 |
|        | GFPP | GFPP | BYV44100A0EKI00      | \$7,347.90 | BYV44100A0VKI00            | \$9,167.30  | BYV44100A0NKI00         | \$7,347.90 |
| 12"    | PVC  | PVC  | BYV11120A0EKI00      | \$6,011.60 | BYV11120A0VKI00            | \$9,964.85  | BYV11120A0NKI00         | \$5,938.40 |
|        | PVC  | GFPP | BYV14120A0EKI00      | \$5,887.90 | BYV14120A0VKI00            | \$10,829.75 | BYV14120A0NKI00         | \$6,554.20 |
|        | CPVC | CPVC | BYV22120A0EKI00      | \$8,025.45 | BYV22120A0VKI00            | \$18,075.20 | BYV22120A0NKI00         | \$8,025.45 |
|        | GFPP | GFPP | BYV44120A0EKI00      | \$9,187.45 | BYV44120A0VKI00            | \$13,010.85 | BYV44120A0NKI00         | \$9,187.45 |

All valves are Bare Stem only and do not include Hardware and Assembly.

BUTTERFLY VALVES

## LOCK OUT CAPS – BYV



| SIZE    | PART NO.   | LIST PRICE | SIZE    | PART NO.<br>WITH 316SS TAB | LIST PRICE<br>WITH 316SS TAB |
|---------|------------|------------|---------|----------------------------|------------------------------|
| 2" - 3" | BYVCAPK030 | \$35.30    | 2" - 3" | BYVCAPK030L                | \$52.95                      |
| 4"      | BYVCAPK040 | \$35.30    | 4"      | BYVCAPK040L                | \$52.95                      |
| 6"      | BYVCAPK060 | \$41.20    | 6"      | BYVCAPK060L                | \$58.85                      |
| 8"      | BYVCAPK080 | \$41.20    | 8"      | BYVCAPK080L                | \$58.85                      |



## BYB SERIES BUTTERFLY VALVES \*\*GEAR OPERATED\*\*

All BYB Series Industrial Butterfly Valves feature 410 SS stems.  
BYB Series are gear operated only.

| SIZE | BODY | DISC | FPM<br>LINER & SEALS |             | EPDM<br>LINER & SEALS |             | NITRILE<br>LINER & SEALS |             |
|------|------|------|----------------------|-------------|-----------------------|-------------|--------------------------|-------------|
|      |      |      | PART NO.             | LIST PRICE  | PART NO.              | LIST PRICE  | PART NO.                 | LIST PRICE  |
| 14"  | PVC  | PP   | BYB1140F3GGA         | \$18,208.20 | BYB1140E3GGA          | \$7,492.70  | BYB1140N3GGA             | \$7,492.70  |
|      | CPVC | CPVC | BYB2140F2GGA         | \$24,916.10 | BYB2140E2GGA          | \$10,253.40 | BYB2140N2GGA             | \$10,253.40 |
|      | PP   | PP   | BYB3140F3GGA         | \$19,166.75 | BYB3140E3GGA          | \$7,887.25  | BYB3140N3GGA             | \$7,887.25  |
|      | PVDF | PVDF | BYB5140F5GWA         | \$21,873.00 | BYB5140E5GWA          | \$18,648.50 | BYB5140N5GWA             | \$18,648.50 |
| 16"  | PVC  | PP   | BYB1160F3GGA         | \$20,628.70 | BYB1160E3GGA          | \$12,264.55 | BYB1160N3GGA             | \$12,264.55 |
|      | CPVC | CPVC | BYB2160F2GGA         | \$28,229.80 | BYB2160E2GGA          | \$16,784.10 | BYB2160N2GGA             | \$16,784.10 |
|      | PP   | PP   | BYB3160F3GGA         | \$21,715.35 | BYB3160E3GGA          | \$12,910.85 | BYB3160N3GGA             | \$12,910.85 |
|      | PVDF | PVDF | BYB5160F5GWA         | \$31,971.85 | BYB5160E5GWA          | \$27,707.55 | BYB5160N5GWA             | \$27,707.55 |
| 18"  | PVC  | PP   | BYB1180F3GGA         | \$24,065.15 | BYB1180E3GGA          | \$16,587.15 | BYB1180N3GGA             | \$16,587.15 |
|      | CPVC | CPVC | BYB2180F2GGA         | \$32,932.60 | BYB2180E2GGA          | \$22,698.30 | BYB2180N2GGA             | \$22,698.30 |
|      | PP   | PP   | BYB3180F3GGA         | \$25,332.80 | BYB3180E3GGA          | \$17,460.35 | BYB3180N3GGA             | \$17,460.35 |
|      | PVDF | PVDF | BYB5180F5GWA         | POA         | BYB5180E5GWA          | POA         | BYB5180N5GWA             | POA         |
| 20"  | PVC  | PP   | BYB1200F3GGA         | \$28,630.75 | BYB1200E3GGA          | \$18,487.90 | BYB1200N3GGA             | \$18,487.90 |
|      | CPVC | CPVC | BYB2200F2GGA         | \$39,179.90 | BYB2200E2GGA          | \$25,299.45 | BYB2200N2GGA             | \$25,299.45 |
|      | PP   | PP   | BYB3200F3GGA         | \$30,138.45 | BYB3200E3GGA          | \$19,461.15 | BYB3200N3GGA             | \$19,461.15 |
|      | PVDF | PVDF | BYB5200F5GWA         | POA         | BYB5200E5GWA          | POA         | BYB5200N5GWA             | POA         |
| 24"  | PVC  | PP   | BYB1240F3GGA         | POA         | BYB1240E3GGA          | POA         | BYB1240N3GGA             | POA         |
|      | CPVC | CPVC | BYB2240F2GGA         | POA         | BYB2240E2GGA          | POA         | BYB2240N2GGA             | POA         |
|      | PP   | PP   | BYB3240F3GGA         | \$40,515.35 | BYB3240E3GGA          | \$27,874.00 | BYB3240N3GGA             | \$27,874.00 |
|      | PVDF | PVDF | BYB5240F5GWA         | POA         | BYB5240E5GWA          | POA         | BYB5240N5GWA             | POA         |

POA = Priced On Availability, consult factory for pricing and availability.

## BUTTERFLY VALVE OPTIONS – BYB

Add to price of butterfly valves above.

| SIZE      | GEAR BOX    |                    |             |                        | 2" SQUARE<br>NUT*<br>(SQNUT-XX) | TITANIUM<br>SHAFT | 316 SSTL LUGS |
|-----------|-------------|--------------------|-------------|------------------------|---------------------------------|-------------------|---------------|
|           | Part<br>No. | Aluminum<br>(IP65) | Part<br>No. | Epoxy Coated<br>(IP68) |                                 |                   | (Suffix I)    |
| 14" - 24" |             | STANDARD           | GBBYB-XX    | POA                    | NA                              | POA               | POA           |

\*Square nuts are available for the gear box, consult factory.



## BYB SERIES BUTTERFLY VALVES

### \*\*ACTUATION READY\*\*

Hayward's vast range of pneumatic and electric actuators are the perfect compliment to the BYB Series.

Hayward's in house actuation center provides you with a full range of options and accessories as well.

| SIZE | BODY | DISC | FPM LINER & SEALS |             | EPDM LINER & SEALS |             | NITRILE LINER & SEALS |             |
|------|------|------|-------------------|-------------|--------------------|-------------|-----------------------|-------------|
|      |      |      | PART NO.          | LIST PRICE  | PART NO.           | LIST PRICE  | PART NO.              | LIST PRICE  |
| 14"  | PVC  | PP   | BYB1140F3KGA      | \$16,340.90 | BYB1140E3KGA       | \$6,724.20  | BYB1140N3KGA          | \$6,724.20  |
|      | CPVC | CPVC | BYB2140F2KGA      | \$22,361.25 | BYB2140E2KGA       | \$9,201.80  | BYB2140N2KGA          | \$9,201.80  |
|      | PP   | PP   | BYB3140F3KGA      | \$17,201.05 | BYB3140E3KGA       | \$7,078.35  | BYB3140N3KGA          | \$7,078.35  |
|      | PVDF | PVDF | BYB5140F5KGA      | \$19,589.05 | BYB5140E5KGA       | \$16,701.30 | BYB5140N5KGA          | \$16,701.30 |
| 16"  | PVC  | PP   | BYB1160F3KGA      | \$18,512.95 | BYB1160E3KGA       | \$11,006.65 | BYB1160N3KGA          | \$11,006.65 |
|      | CPVC | CPVC | BYB2160F2KGA      | \$25,334.55 | BYB2160E2KGA       | \$15,062.70 | BYB2160N2KGA          | \$15,062.70 |
|      | PP   | PP   | BYB3160F3KGA      | \$19,488.00 | BYB3160E3KGA       | \$11,586.60 | BYB3160N3KGA          | \$11,586.60 |
|      | PVDF | PVDF | BYB5160F5KGA      | \$28,633.35 | BYB5160E5KGA       | \$24,814.45 | BYB5160N5KGA          | \$24,814.45 |
| 18"  | PVC  | PP   | BYB1180F3KGA      | \$21,597.00 | BYB1180E3KGA       | \$14,885.95 | BYB1180N3KGA          | \$14,885.95 |
|      | CPVC | CPVC | BYB2180F2KGA      | \$29,554.95 | BYB2180E2KGA       | \$20,370.40 | BYB2180N2KGA          | \$20,370.40 |
|      | PP   | PP   | BYB3180F3KGA      | \$22,734.60 | BYB3180E3KGA       | \$15,669.65 | BYB3180N3KGA          | \$15,669.65 |
|      | PVDF | PVDF | BYB5180F5KGA      | POA         | BYB5180E5KGA       | POA         | BYB5180N5KGA          | POA         |
| 20"  | PVC  | PP   | BYB1200F3KGA      | \$25,694.30 | BYB1200E3KGA       | \$16,591.80 | BYB1200N3KGA          | \$16,591.80 |
|      | CPVC | CPVC | BYB2200F2KGA      | \$35,161.60 | BYB2200E2KGA       | \$22,704.70 | BYB2200N2KGA          | \$22,704.70 |
|      | PP   | PP   | BYB3200F3KGA      | \$27,047.35 | BYB3200E3KGA       | \$17,465.20 | BYB3200N3KGA          | \$17,465.20 |
|      | PVDF | PVDF | BYB5200F5KGA      | POA         | BYB5200E5KGA       | POA         | BYB5200N5KGA          | POA         |
| 24"  | PVC  | PP   | BYB1240F3KGA      | POA         | BYB1240E3KGA       | \$23,772.00 | BYB1240N3KGA          | \$23,772.00 |
|      | CPVC | CPVC | BYB2240F2KGA      | POA         | BYB2240E2KGA       | POA         | BYB2240N2KGA          | POA         |
|      | PP   | PP   | BYB3240F3KGA      | \$36,359.90 | BYB3240E3KGA       | \$25,015.20 | BYB3240N3KGA          | \$25,015.20 |
|      | PVDF | PVDF | BYB5240F5KGA      | POA         | BYB5240E5KGA       | POA         | BYB5240N5KGA          | POA         |

POA = Priced on Availability. Consult factory for pricing and availability.

## BYB SERIES ACTUATOR MOUNTING KIT AND HARDWARE

Hayward is now introducing a New Actuation Pricing Structure for ordering actuated BYB Series, making it more economical.

In addition to ordering the valve and actuator, please include one of the standard part numbers listed below for hardware and assembly by size of the valve.

| SIZE      | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 14"       | BYBMKT14 | \$982.80   |
| 16" - 18" | BYBMKT18 | \$1,047.55 |
| 20" - 24" | BYBMKT24 | \$1,112.25 |





# STEM EXTENSION OPTIONS - BYV

## STEM EXTENSION PART NUMBER MATRIX

Stem extension is a price adder to the List Price of the Butterfly Valve.  
See page 43 for stem extension pricing.

### BYV SERIES - Unsupported

| SIZE | HANDLE            | HANDLE            | HANDWHEEL EXTENSION<br>FOR GEARBOX |                   |
|------|-------------------|-------------------|------------------------------------|-------------------|
|      | Min. Length (in.) | Max. Length (in.) | Min. Length (in.)                  | Max. Length (in.) |
| 2"   | SPGBYV3EXTL012    | SPGBYV3EXTL120    | SPGBYV3EXT012                      | SPGBYV3EXT180     |
| 3"   | SPGBYV3EXTL012    | SPGBYV3EXTL120    | SPGBYV3EXT012                      | SPGBYV3EXT180     |
| 4"   | SPGBYV4EXTL012    | SPGBYV4EXTL120    | SPGBYV4EXT012                      | SPGBYV4EXT180     |
| 6"   | SPGBYV6EXTL012    | SPGBYV6EXTL120    | SPGBYV6EXT012                      | SPGBYV6EXT180     |
| 8"   | SPGBYV8EXTL012    | SPGBYV8EXTL120    | SPGBYV8EXT012                      | SPGBYV8EXT180     |
| 10"  | NA                | NA                | SPGBYV10EXT012                     | SPGBYV10EXT180    |
| 12"  | NA                | NA                | SPGBYV12EXT012                     | SPGBYV12EXT180    |

### BYV SERIES - Supported

| SIZE | ALUM. HOUSING/<br>SSTL SHAFT EXT. | ALUM. HOUSING/<br>SSTL SHAFT EXT. | SSTL HOUSING/<br>SSTL SHAFT EXT. | SSTL HOUSING/<br>SSTL SHAFT EXT. |
|------|-----------------------------------|-----------------------------------|----------------------------------|----------------------------------|
|      | Min. Length (in.)                 | Max. Length (in.)                 | Min. Length (in.)                | Max. Length (in.)                |
| 2"   | BYVK3EX012AL                      | BYVK3EX120AL                      | BYVK3EX012SS                     | BYVK3EX120SS                     |
| 3"   | BYVK3EX012AL                      | BYVK3EX120AL                      | BYVK3EX012SS                     | BYVK3EX120SS                     |
| 4"   | BYVK4EX012AL                      | BYVK4EX120AL                      | BYVK4EX012SS                     | BYVK4EX120SS                     |
| 6"   | BYVK6EX012AL                      | BYVK6EX120AL                      | BYVK6EX012SS                     | BYVK6EX120SS                     |
| 8"   | BYVK8EX012AL                      | BYVK8EX120AL                      | BYVK8EX012SS                     | BYVK8EX120SS                     |
| 10"  | BYVK10EX012AL                     | BYVK10EX120AL                     | BYVK10EX012SS                    | BYVK10EX120SS                    |
| 12"  | BYVK12EX012AL                     | BYVK12EX120AL                     | BYVK12EX012SS                    | BYVK12EX120SS                    |

### BYV SERIES - Supported

| SIZE | STEEL             | STEEL             | PVC HOUSING/<br>SSTL SHAFT EXT. | PVC HOUSING/<br>SSTL SHAFT EXT. |
|------|-------------------|-------------------|---------------------------------|---------------------------------|
|      | Min. Length (in.) | Max. Length (in.) | Min. Length (in.)               | Max. Length (in.)               |
| 2"   | BYVK3EX012ST      | BYVK3EX120ST      | BYVK3EX012                      | BYVK3EX120                      |
| 3"   | BYVK3EX012ST      | BYVK3EX120ST      | BYVK3EX012                      | BYVK3EX120                      |
| 4"   | BYVK4EX012ST      | BYVK4EX120ST      | BYVK4EX012                      | BYVK4EX120                      |
| 6"   | BYVK6EX012ST      | BYVK6EX120ST      | BYVK6EX012                      | BYVK6EX096                      |
| 8"   | BYVK8EX012ST      | BYVK8EX120ST      | BYVK8EX012                      | BYVK8EX096                      |
| 10"  | BYVK10EX012ST     | BYVK10EX120ST     | BYVK10EX012                     | BYVK10EX060                     |
| 12"  | BYVK12EX012ST     | BYVK12EX120ST     | BYVK12EX012                     | BYVK12EX060                     |



## STEM EXTENSION OPTIONS – BYB

### STEM EXTENSION PART NUMBER MATRIX

Stem extension is a price adder to the List Price of the Butterfly Valve.

See table below for stem extension pricing.

#### BYB SERIES - Supported

| SIZE | ALUM. HOUSING/<br>SSTL SHAFT EXT. | ALUM. HOUSING/<br>SSTL SHAFT EXT. | SSTL HOUSING/<br>SSTL SHAFT EXT. | SSTL HOUSING/<br>SSTL SHAFT EXT. | STEEL             | STEEL             |
|------|-----------------------------------|-----------------------------------|----------------------------------|----------------------------------|-------------------|-------------------|
|      | Min. Length (in.)                 | Max. Length (in.)                 | Min. Length (in.)                | Max. Length (in.)                | Min. Length (in.) | Max. Length (in.) |
| 14"  | LFSEB14X012                       | LFSEB14X120                       | HCBYB14EX012SS                   | HCBYB14EX120SS                   | HCBYB14EX012ST    | HCBYB14EX120ST    |
| 16"  | LFSEB16X012                       | LFSEB16X120                       | HCBYB16EX012SS                   | HCBYB16EX120SS                   | HCBYB16EX012ST    | HCBYB16EX120ST    |
| 18"  | LFSEB16X012                       | LFSEB16X120                       | HCBYB16EX012SS                   | HCBYB16EX120SS                   | HCBYB16EX012ST    | HCBYB16EX120ST    |
| 20"  | LFSEB20X012                       | LFSEB20X120                       | HCBYB20EX012SS                   | HCBYB20EX120SS                   | HCBYB20EX012ST    | HCBYB20EX120ST    |
| 24"  | LFSEB20X012                       | LFSEB20X120                       | HCBYB20EX012SS                   | HCBYB20EX120SS                   | HCBYB20EX012ST    | HCBYB20EX120ST    |

## STEM EXTENSION OPTIONS – BYV & BYB

### BUTTERFLY VALVE STEM EXTENSION\* PRICE

| LENGTH               | TYPE EXTENSION                                                                                   | LIST PRICE |
|----------------------|--------------------------------------------------------------------------------------------------|------------|
| First 24"            | 1-1/2" - 8" 316 SS/Alum Stem Extension Unsupported Lever                                         | \$737.80   |
| Ea. Addtn'l 6"       | 1-1/2" - 8" 316 SS/Alum Stem Extension Unsupported Lever                                         | \$49.30    |
| Wall Support Bracket | 1-1/2" - 8" 316 SS/Alum Stem Extension Unsupported Lever (not included)                          | \$292.80   |
| First 24"            | 1-1/2" - 8" Plastic or Carbon Steel supported Stem Extension for Gear Op. or Act. (not included) | \$954.20   |
| Ea. Addtn'l 6"       | 1-1/2" - 8" Plastic or Carbon Steel supported Stem Extension for Gear Op. or Act. (not included) | \$72.85    |
| First 24"            | 1-1/2" - 8" Aluminum supported Stem Extension for Gear Op. or Act. (not included)                | \$954.20   |
| Ea. Addtn'l 6"       | 1-1/2" - 8" Aluminum supported Stem Extension for Gear Op. or Act. (not included)                | \$88.55    |
| First 24"            | 1-1/2" - 8" SS supported Stem Extension for Gear Op. Act. (not included)                         | \$1,121.50 |
| Ea. Addtn'l 6"       | 1-1/2" - 8" SS supported Stem Extension for Gear Op. or Act. (not included)                      | \$98.35    |
| First 24"            | 10" - 12" Plastic supported Stem Extension for Gear Op. or Act. (not included)                   | \$1,062.40 |
| Ea. Addtn'l 6"       | 10" - 12" Plastic supported Stem Extension for Gear Op. or Act. (not included)                   | \$82.65    |
| First 24"            | 10" - 12" Aluminum supported Stem Extension for Gear Op. or Act. (not included)                  | \$1,170.65 |
| Ea. Addtn'l 6"       | 10" - 12" Aluminum supported Stem Extension for Gear Op. or Act. (not included)                  | \$98.35    |
| First 24"            | 10" - 12" SS supported Stem Extension for Gear Op. or Act. (not included)                        | \$1,347.65 |
| Ea. Addtn'l 6"       | 10" - 12" SS supported Stem Extension for Gear Op. or Act. (not included)                        | \$108.35   |
| First 24"            | 14" - 24" Carbon Steel supported Stem Extension for Gear Op. or Act. (not included)              | \$1,337.90 |
| Ea. Addtn'l 6"       | 14" - 24" Carbon Steel supported Stem Extension for Gear Op. or Act. (not included)              | \$167.30   |
| First 24"            | 14" - 24" SS supported Stem Extension for Gear Op. or Act. (not included)                        | \$1,564.10 |
| Ea. Addtn'l 6"       | 14" - 24" SS supported Stem Extension for Gear Op. or Act. (not included)                        | \$216.65   |

\* Neither a Gear Box Operator nor an Actuator are included with stem extensions. These items must be purchased separately.



## SURE-TUFF™ BYCS SERIES BUTTERFLY VALVES

- Valves feature 410 Stainless Steel Shafts.
- Available with red lever handle or gear operated.

|        | DESCRIPTION |      |       | LEVER         |            | GEAR          |            |
|--------|-------------|------|-------|---------------|------------|---------------|------------|
| SIZE   | BODY        | DISC | LINER | PART NO.      | LIST PRICE | PART NO.      | LIST PRICE |
| 2"     | PVC         | PVC  | EPDM  | BYCS1020E1LGA | \$165.35   | BYCS1020E1GGA | \$514.00   |
| 2-1/2" |             |      |       | BYCS1025E1LGA | \$165.45   | BYCS1025E1GGA | \$526.10   |
| 3"     |             |      |       | BYCS1030E1LGA | \$188.10   | BYCS1030E1GGA | \$536.70   |
| 4"     |             |      |       | BYCS1040E1LGA | \$206.20   | BYCS1040E1GGA | \$554.90   |
| 5"     |             |      |       | BYCS1050E1LGA | \$288.15   | BYCS1050E1GGA | \$636.75   |
| 6"     |             |      |       | BYCS1060E1LGA | \$316.95   | BYCS1060E1GGA | \$665.55   |
| 8"     |             |      |       | BYCS1080E1LGA | \$553.45   | BYCS1080E1GGA | \$902.05   |



## PURE-BLU™ BYCN SERIES BUTTERFLY VALVES

- NSF/ANSI 61 Listed.
- Valves feature 316 Stainless Steel Shafts.
- Available with blue lever handle or gear operated.



|        | DESCRIPTION |      |       | LEVER         |            | GEAR          |            |
|--------|-------------|------|-------|---------------|------------|---------------|------------|
| SIZE   | BODY        | DISC | LINER | PART NO.      | LIST PRICE | PART NO.      | LIST PRICE |
| 2"     | PVC         | PVC  | EPDM  | BYCN1020E1LGB | \$177.00   | BYCN1020E1GGB | \$549.95   |
| 2-1/2" |             |      |       | BYCN1025E1LGB | \$177.00   | BYCN1025E1GGB | \$562.90   |
| 3"     |             |      |       | BYCN1030E1LGB | \$201.25   | BYCN1030E1GGB | \$574.25   |
| 4"     |             |      |       | BYCN1040E1LGB | \$220.75   | BYCN1040E1GGB | \$593.75   |
| 5"     |             |      |       | BYCN1050E1LGB | \$308.30   | BYCN1050E1GGB | \$681.30   |
| 6"     |             |      |       | BYCN1060E1LGB | \$339.15   | BYCN1060E1GGB | \$712.15   |
| 8"     |             |      |       | BYCN1080E1LGB | \$592.20   | BYCN1080E1GGB | \$965.20   |



## TBB SERIES TRUE UNION BALL VALVES

All TBB Series True Union Ball Valves have PTFE seats and are cost effective, yet rugged enough to stand up to the most demanding applications.

### PVC FPM O-RINGS

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE |
|--------|-----------|------------|-------------|------------|--------|-----------|------------|-------------|------------|
| 1/2"   | Skt/Thd   | 48         | TBB1005CPFG | \$68.15    | 2"     | Skt/Thd   | 12         | TBB1020CPFG | \$189.55   |
|        | Flanged   | 48         | TBB1005FPFG | \$114.45   |        | Flanged   | 12         | TBB1020FPFG | \$318.55   |
| 3/4"   | Skt/Thd   | 36         | TBB1007CPFG | \$76.60    | 2-1/2" | Socket    | 12         | TBB1025SPFG | \$378.75   |
|        | Flanged   | 36         | TBB1007FPFG | \$128.80   |        | Threaded  | 12         | TBB1025TPFG | \$378.75   |
| 1"     | Skt/Thd   | 24         | TBB1010CPFG | \$89.40    |        | Flanged   | 12         | TBB1025FPFG | \$636.30   |
|        | Flanged   | 24         | TBB1010FPFG | \$150.25   | 3"     | Socket    | 6          | TBB1030SPFG | \$470.35   |
| 1-1/4" | Skt/Thd   | 24         | TBB1012CPFG | \$129.95   |        | Threaded  | 6          | TBB1030TPFG | \$470.35   |
|        | Flanged   | 24         | TBB1012FPFG | \$218.20   |        | Flanged   | 6          | TBB1030FPFG | \$790.25   |
| 1-1/2" | Skt/Thd   | 24         | TBB1015CPFG | \$142.75   | 4"     | Socket    | 1          | TBB1040SPFG | \$942.60   |
|        | Flanged   | 24         | TBB1015FPFG | \$239.70   |        | Threaded  | 1          | TBB1040TPFG | \$942.60   |
|        |           |            |             |            |        | Flanged   | 1          | TBB1040FPFG | \$1,583.40 |

### PVC EPDM O-RINGS

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE |
|--------|-----------|------------|-------------|------------|--------|-----------|------------|-------------|------------|
| 1/2"   | Skt/Thd   | 48         | TBB1005CPEG | \$57.55    | 2"     | Skt/Thd   | 12         | TBB1020CPEG | \$176.85   |
|        | Flanged   | 48         | TBB1005FPEG | \$92.10    |        | Flanged   | 12         | TBB1020FPEG | \$282.85   |
| 3/4"   | Skt/Thd   | 36         | TBB1007CPEG | \$63.85    | 2-1/2" | Socket    | 12         | TBB1025SPEG | \$332.10   |
|        | Flanged   | 36         | TBB1007FPEG | \$102.15   |        | Threaded  | 12         | TBB1025TPEG | \$332.10   |
| 1"     | Skt/Thd   | 24         | TBB1010CPEG | \$76.60    |        | Flanged   | 12         | TBB1025FPEG | \$531.20   |
|        | Flanged   | 24         | TBB1010FPEG | \$122.70   | 3"     | Socket    | 6          | TBB1030SPEG | \$402.40   |
| 1-1/4" | Skt/Thd   | 24         | TBB1012CPEG | \$110.75   |        | Threaded  | 6          | TBB1030TPEG | \$402.40   |
|        | Flanged   | 24         | TBB1012FPEG | \$177.15   |        | Flanged   | 6          | TBB1030FPEG | \$643.65   |
| 1-1/2" | Skt/Thd   | 24         | TBB1015CPEG | \$129.95   | 4"     | Socket    | 1          | TBB1040SPEG | \$708.55   |
|        | Flanged   | 24         | TBB1015FPEG | \$207.75   |        | Threaded  | 1          | TBB1040TPEG | \$708.55   |
|        |           |            |             |            |        | Flanged   | 1          | TBB1040FPEG | \$1,133.65 |

### CPVC FPM O-RINGS

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE |
|--------|-----------|------------|-------------|------------|--------|-----------|------------|-------------|------------|
| 1/2"   | Skt/Thd   | 48         | TBB2005CPFG | \$98.00    | 2"     | Skt/Thd   | 12         | TBB2020CPFG | \$331.90   |
|        | Flanged   | 48         | TBB2005FPFG | \$169.50   |        | Flanged   | 12         | TBB2020FPFG | \$574.10   |
| 3/4"   | Skt/Thd   | 36         | TBB2007CPFG | \$118.30   | 2-1/2" | Socket    | 12         | TBB2025SPFG | \$702.35   |
|        | Flanged   | 36         | TBB2007FPFG | \$204.60   |        | Threaded  | 12         | TBB2025TPFG | \$702.35   |
| 1"     | Skt/Thd   | 24         | TBB2010CPFG | \$150.15   |        | Flanged   | 12         | TBB2025FPFG | \$1,215.10 |
|        | Flanged   | 24         | TBB2010FPFG | \$259.60   | 3"     | Socket    | 6          | TBB2030SPFG | \$968.15   |
| 1-1/4" | Skt/Thd   | 24         | TBB2012CPFG | \$218.10   |        | Threaded  | 6          | TBB2030TPFG | \$968.15   |
|        | Flanged   | 24         | TBB2012FPFG | \$377.30   |        | Flanged   | 6          | TBB2030FPFG | \$1,674.75 |
| 1-1/2" | Skt/Thd   | 24         | TBB2015CPFG | \$245.45   | 4"     | Socket    | 1          | TBB2040SPFG | \$1,633.90 |
|        | Flanged   | 24         | TBB2015FPFG | \$424.80   |        | Threaded  | 1          | TBB2040TPFG | \$1,633.90 |
|        |           |            |             |            |        | Flanged   | 1          | TBB2040FPFG | \$2,826.50 |



## TBB SERIES TRUE UNION BALL VALVES (cont.)

All TBB Series True Union Ball Valves have PTFE seats and are cost effective, yet rugged enough to stand up to the most demanding applications.

### CPVC EPDM O-RINGS

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE      | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE        |
|--------|-----------|------------|-------------|-----------------|--------|-----------|------------|-------------|-------------------|
| 1/2"   | Skt/Thd   | 48         | TBB2005CPEG | <b>\$81.85</b>  | 2"     | Skt/Thd   | 12         | TBB2020CPEG | <b>\$275.25</b>   |
|        | Flanged   | 48         | TBB2005FPEG | <b>\$135.95</b> |        | Flanged   | 12         | TBB2020FPEG | <b>\$456.85</b>   |
| 3/4"   | Skt/Thd   | 36         | TBB2007CPEG | <b>\$98.00</b>  | 2-1/2" | Socket    | 12         | TBB2025SPEG | <b>\$586.40</b>   |
|        | Flanged   | 36         | TBB2007FPEG | <b>\$162.55</b> |        | Threaded  | 12         | TBB2025TPEG | <b>\$586.40</b>   |
| 1"     | Skt/Thd   | 24         | TBB2010CPEG | <b>\$122.95</b> |        | Flanged   | 12         | TBB2025FPEG | <b>\$973.15</b>   |
|        | Flanged   | 24         | TBB2010FPEG | <b>\$203.85</b> | 3"     | Socket    | 6          | TBB2030SPEG | <b>\$809.15</b>   |
| 1-1/4" | Skt/Thd   | 24         | TBB2012CPEG | <b>\$181.85</b> |        | Threaded  | 6          | TBB2030TPEG | <b>\$809.15</b>   |
|        | Flanged   | 24         | TBB2012FPEG | <b>\$301.80</b> |        | Flanged   | 6          | TBB2030FPEG | <b>\$1,342.95</b> |
| 1-1/2" | Skt/Thd   | 24         | TBB2015CPEG | <b>\$204.75</b> | 4"     | Socket    | 1          | TBB2040SPEG | <b>\$1,363.50</b> |
|        | Flanged   | 24         | TBB2015FPEG | <b>\$339.70</b> |        | Threaded  | 1          | TBB2040TPEG | <b>\$1,363.50</b> |
|        |           |            |             |                 |        | Flanged   | 1          | TBB2040FPEG | <b>\$2,263.35</b> |

### PP FPM O-RINGS

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE      | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE        |
|--------|-----------|------------|-------------|-----------------|--------|-----------|------------|-------------|-------------------|
| 1/2"   | Threaded  | 48         | TBB3005TPFG | <b>\$95.75</b>  | 1-1/2" | Threaded  | 24         | TBB3015TPFG | <b>\$223.10</b>   |
|        | Flanged   | 48         | TBB3005FPFG | <b>\$162.70</b> |        | Flanged   | 24         | TBB3015FPFG | <b>\$379.10</b>   |
| 3/4"   | Threaded  | 36         | TBB3007TPFG | <b>\$112.35</b> | 2"     | Threaded  | 12         | TBB3020TPFG | <b>\$299.80</b>   |
|        | Flanged   | 36         | TBB3007FPFG | <b>\$190.85</b> |        | Flanged   | 12         | TBB3020FPFG | <b>\$509.35</b>   |
| 1"     | Threaded  | 24         | TBB3010TPFG | <b>\$137.70</b> | 2-1/2" | Threaded  | 12         | TBB3025TPFG | <b>\$620.65</b>   |
|        | Flanged   | 24         | TBB3010FPFG | <b>\$233.95</b> |        | Flanged   | 12         | TBB3025FPFG | <b>\$1,055.05</b> |
| 1-1/4" | Threaded  | 24         | TBB3012TPFG | <b>\$200.05</b> | 3"     | Threaded  | 6          | TBB3030TPFG | <b>\$824.30</b>   |
|        | Flanged   | 24         | TBB3012FPFG | <b>\$340.20</b> |        | Flanged   | 6          | TBB3030FPFG | <b>\$1,401.65</b> |
|        |           |            |             |                 | 4"     | Threaded  | 1          | TBB3040TPFG | <b>\$1,480.55</b> |
|        |           |            |             |                 |        | Flanged   | 1          | TBB3040FPFG | <b>\$2,516.80</b> |

### PP EPDM O-RINGS

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE      | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE        |
|--------|-----------|------------|-------------|-----------------|--------|-----------|------------|-------------|-------------------|
| 1/2"   | Threaded  | 48         | TBB3005TPEG | <b>\$80.40</b>  | 1-1/2" | Threaded  | 24         | TBB3015TPEG | <b>\$192.55</b>   |
|        | Flanged   | 48         | TBB3005FPEG | <b>\$133.35</b> |        | Flanged   | 24         | TBB3015FPEG | <b>\$319.65</b>   |
| 3/4"   | Threaded  | 36         | TBB3007TPEG | <b>\$93.15</b>  | 2"     | Threaded  | 12         | TBB3020TPEG | <b>\$260.30</b>   |
|        | Flanged   | 36         | TBB3007FPEG | <b>\$154.55</b> |        | Flanged   | 12         | TBB3020FPEG | <b>\$431.90</b>   |
| 1"     | Threaded  | 24         | TBB3010TPEG | <b>\$114.80</b> | 2-1/2" | Threaded  | 12         | TBB3025TPEG | <b>\$527.60</b>   |
|        | Flanged   | 24         | TBB3010FPEG | <b>\$190.55</b> |        | Flanged   | 12         | TBB3025FPEG | <b>\$875.70</b>   |
| 1-1/4" | Threaded  | 24         | TBB3012TPEG | <b>\$168.35</b> | 3"     | Threaded  | 6          | TBB3030TPEG | <b>\$694.55</b>   |
|        | Flanged   | 24         | TBB3012FPEG | <b>\$279.25</b> |        | Flanged   | 6          | TBB3030FPEG | <b>\$1,152.80</b> |
|        |           |            |             |                 | 4"     | Threaded  | 1          | TBB3040TPEG | <b>\$1,188.75</b> |
|        |           |            |             |                 |        | Flanged   | 1          | TBB3040FPEG | <b>\$1,973.25</b> |



## TBB SERIES TRUE UNION BALL VALVES (cont.)

All TBB Series True Union Ball Valves have PTFE seats and are cost effective, yet rugged enough to stand up to the most demanding industrial & commercial applications.

### PVDF FPM O-RINGS

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE |
|--------|-----------|------------|-------------|------------|--------|-----------|------------|-------------|------------|
| 1/2"   | Threaded  | 48         | TBB5005TPFW | \$334.35   | 1-1/2" | Threaded  | 24         | TBB5015TPFW | \$1,248.60 |
|        | Flanged   | 48         | TBB5005FPFW | \$678.80   |        | Flanged   | 24         | TBB5015FPFW | \$2,110.35 |
| 3/4"   | Threaded  | 36         | TBB5007TPFW | \$436.15   | 2"     | Threaded  | 12         | TBB5020TPFW | \$1,758.60 |
|        | Flanged   | 36         | TBB5007FPFW | \$977.80   |        | Flanged   | 12         | TBB5020FPFW | \$2,813.85 |
| 1"     | Threaded  | 24         | TBB5010TPFW | \$554.15   | 2-1/2" | Threaded  | 12         | TBB5025TPFW | \$2,400.50 |
|        | Flanged   | 24         | TBB5010FPFW | \$1,108.05 |        | Flanged   | 12         | TBB5025FPFW | \$4,748.15 |
| 1-1/4" | Threaded  | 24         | TBB5012TPFW | \$730.00   | 3"     | Threaded  | 6          | TBB5030TPFW | \$3,253.40 |
|        | Flanged   | 24         | TBB5012FPFW | \$1,528.35 |        | Flanged   | 6          | TBB5030FPFW | \$5,065.85 |
|        |           |            |             |            | 4"     | Threaded  | 1          | TBB5040TPFW | \$3,803.75 |
|        |           |            |             |            |        | Flanged   | 1          | TBB5040FPFW | \$6,682.55 |



## QVC SERIES COMPACT BALL VALVES

All QVC Series Compact Ball Valves have EPDM o-rings and Santoprene (TPV) seats. **Order quantity by bag only.**

### PVC GRAY

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE |
|--------|-----------|------------|-------------|------------|--------|-----------|------------|-------------|------------|
| 1/2"   | Socket    | 10         | QVC1005SSEG | \$4.25     | 1-1/2" | Socket    | 5          | QVC1015SSEG | \$14.95    |
|        | Threaded  | 10         | QVC1005TSEG | \$4.25     |        | Threaded  | 5          | QVC1015TSEG | \$14.95    |
| 3/4"   | Socket    | 10         | QVC1007SSEG | \$5.70     | 2"     | Socket    | 5          | QVC1020SSEG | \$21.95    |
|        | Threaded  | 10         | QVC1007TSEG | \$5.70     |        | Threaded  | 5          | QVC1020TSEG | \$21.95    |
| 1"     | Socket    | 10         | QVC1010SSEG | \$8.85     | 2-1/2" | Socket    | 12*        | QVC1025SSEG | \$73.05    |
|        | Threaded  | 10         | QVC1010TSEG | \$8.85     |        | Threaded  | 12*        | QVC1025TSEG | \$73.05    |
| 1-1/4" | Socket    | 10         | QVC1012SSEG | \$12.05    | 3"     | Socket    | 8*         | QVC1030SSEG | \$116.70   |
|        | Threaded  | 10         | QVC1012TSEG | \$12.05    |        | Threaded  | 8*         | QVC1030TSEG | \$116.70   |
|        |           |            |             |            | 4"     | Socket    | 6*         | QVC1040SSEG | \$211.25   |
|        |           |            |             |            |        | Threaded  | 6*         | QVC1040TSEG | \$211.25   |

\* 2-1/2" and up are Carton Quantities.



## QVC SERIES COMPACT BALL VALVES (cont.)

All QVC Series Compact Ball Valves have EPDM o-rings and Santoprene (TPV) seats. **Order quantity by bag only.**

### PVC WHITE

| SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE     | SIZE   | END CONN. | CTN./ QTY. | PART NO.    | LIST PRICE      |
|--------|-----------|------------|-------------|----------------|--------|-----------|------------|-------------|-----------------|
| 1/2"   | Socket    | 10         | QVC1005SSEW | <b>\$4.25</b>  | 1-1/2" | Socket    | 5          | QVC1015SSEW | <b>\$14.95</b>  |
|        | Threaded  | 10         | QVC1005TSEW | <b>\$4.25</b>  |        | Threaded  | 5          | QVC1015TSEW | <b>\$14.95</b>  |
| 3/4"   | Socket    | 10         | QVC1007SSEW | <b>\$5.70</b>  | 2"     | Socket    | 5          | QVC1020SSEW | <b>\$21.95</b>  |
|        | Threaded  | 10         | QVC1007TSEW | <b>\$5.70</b>  |        | Threaded  | 5          | QVC1020TSEW | <b>\$21.95</b>  |
| 1"     | Socket    | 10         | QVC1010SSEW | <b>\$8.85</b>  | 2-1/2" | Socket    | 12*        | QVC1025SSEW | <b>\$73.05</b>  |
|        | Threaded  | 10         | QVC1010TSEW | <b>\$8.85</b>  |        | Threaded  | 12*        | QVC1025TSEW | <b>\$73.05</b>  |
| 1-1/4" | Socket    | 10         | QVC1012SSEW | <b>\$12.05</b> | 3"     | Socket    | 8*         | QVC1030SSEW | <b>\$116.70</b> |
|        | Threaded  | 10         | QVC1012TSEW | <b>\$12.05</b> |        | Threaded  | 8*         | QVC1030TSEW | <b>\$116.70</b> |
|        |           |            |             |                | 4"     | Socket    | 6*         | QVC1040SSEW | <b>\$211.25</b> |
|        |           |            |             |                |        | Threaded  | 6*         | QVC1040TSEW | <b>\$211.25</b> |

\* 2-1/2" and up are Carton Quantities.



## QTA SERIES TRUE UNION COMPACT BALL VALVES

All QTA Series True Union Compact Ball Valves have EPDM o-rings and Santoprene (TPV) seats.

### PVC GRAY

| SIZE   | MATERIAL | CTN./QTY. | PART NO.    | LIST PRICE     |
|--------|----------|-----------|-------------|----------------|
| 1/2"   | Skt/Thd  | 200       | QTA1005CSEG | <b>\$12.55</b> |
| 3/4"   | Skt/Thd  | 160       | QTA1007CSEG | <b>\$17.20</b> |
| 1"     | Skt/Thd  | 96        | QTA1010CSEG | <b>\$26.65</b> |
| 1-1/4" | Skt/Thd  | 72        | QTA1012CSEG | <b>\$37.30</b> |
| 1-1/2" | Skt/Thd  | 45        | QTA1015CSEG | <b>\$47.15</b> |
| 2"     | Skt/Thd  | 36        | QTA1020CSEG | <b>\$69.85</b> |

### PVC WHITE

| SIZE   | MATERIAL | CTN./QTY. | PART NO.    | LIST PRICE     |
|--------|----------|-----------|-------------|----------------|
| 1/2"   | Skt/Thd  | 200       | QTA1005CSEW | <b>\$12.55</b> |
| 3/4"   | Skt/Thd  | 160       | QTA1007CSEW | <b>\$17.20</b> |
| 1"     | Skt/Thd  | 96        | QTA1010CSEW | <b>\$26.65</b> |
| 1-1/4" | Skt/Thd  | 72        | QTA1012CSEW | <b>\$37.30</b> |
| 1-1/2" | Skt/Thd  | 45        | QTA1015CSEW | <b>\$47.15</b> |
| 2"     | Skt/Thd  | 36        | QTA1020CSEW | <b>\$69.85</b> |

# TB SERIES TRUE UNION BALL VALVE PARTS\*

## PVC

| SIZE   | ASSEMBLY NUT |            | END CONNECTION       |            |                           |            | SEAL RETAINER |            |
|--------|--------------|------------|----------------------|------------|---------------------------|------------|---------------|------------|
|        |              |            | Socket or Threaded** |            | Flanged with Assembly Nut |            |               |            |
|        | PART NO.     | LIST PRICE | PART NO.             | LIST PRICE | PART NO.                  | LIST PRICE | PART NO.      | LIST PRICE |
| 1/4"   | TUX1052      | \$13.85    | TUX100254S/T         | \$13.85    | NA                        | -          | SRX15         | \$7.40     |
| 3/8"   | TUX1052      | \$13.85    | TUX100374S/T         | \$13.85    | NA                        | -          | SRX15         | \$7.40     |
| 1/2"   | TUX1052      | \$13.85    | ECX15S/ECX15T        | \$13.85    | TUX100504F                | \$69.80    | SRX15         | \$7.40     |
| 3/4"   | TBX10752     | \$16.05    | ECX17S/ECX17T        | \$15.50    | NA                        | -          | SRX17         | \$8.85     |
| 1"     | TBX11002     | \$16.05    | ECX11S/ECX11T        | \$17.85    | TUX101004F                | \$108.15   | SRX11         | \$8.85     |
| 1-1/4" | TBX11502     | \$22.85    | ECX112S/ECX112T      | \$26.60    | TUX101254F                | \$108.15   | SRX115        | \$13.95    |
| 1-1/2" | TBX11502     | \$22.85    | ECX115S/ECX115T      | \$28.80    | TUX101504F                | \$117.60   | SRX115        | \$13.95    |
| 2"     | TBX122       | \$28.80    | ECX12S/ECX12T        | \$37.55    | TUX102004F                | \$174.35   | SRX12002      | \$16.50    |
| 3"     | TBX132       | \$66.25    | ECX13S/ECX13T        | \$84.50    | TUX103004F                | \$251.60   | SRX13         | \$50.80    |
| 4"     | TBX142       | \$59.65    | ECX14S/ECX14T        | \$89.50    | TUX104004F                | \$500.70   | SRX14         | \$114.80   |

| SIZE   | BALL, STEM & HANDLE KIT |            | HANDLE   |            | PTFE SEAT & FPM SEAL REPAIR KIT*** |            |
|--------|-------------------------|------------|----------|------------|------------------------------------|------------|
|        | PART NO.                | LIST PRICE | PART NO. | LIST PRICE | PART NO.                           | LIST PRICE |
| 1/4"   | TBX1050PAK              | \$25.20    | HLX23    | \$17.40    | TBX050PAK                          | \$27.05    |
| 3/8"   | TBX1050PAK              | \$25.20    | HLX23    | \$17.40    | TBX050PAK                          | \$27.05    |
| 1/2"   | TBX1050PAK              | \$25.20    | HLX23    | \$17.40    | TBX050PAK                          | \$27.05    |
| 3/4"   | TBX1075PAK              | \$26.60    | HLX23    | \$17.40    | TBX075PAK                          | \$31.55    |
| 1"     | TBX1100PAK              | \$34.35    | HLX24    | \$20.65    | TBX100PAK                          | \$37.55    |
| 1-1/4" | TBX1150PAK              | \$41.95    | HLX22    | \$20.65    | TBX150PAK                          | \$50.80    |
| 1-1/2" | TBX1150PAK              | \$41.95    | HLX22    | \$20.65    | TBX150PAK                          | \$50.80    |
| 2"     | TBX1200PAK              | \$61.90    | HLX22    | \$20.65    | TBX200PAK                          | \$68.50    |
| 3"     | TBX1300PAK              | \$178.75   | TBX138   | \$35.35    | TBX300PAK                          | \$114.15   |
| 4"     | TBX1400PAK              | \$245.05   | TBX148   | \$35.35    | TBX400PAK                          | \$243.35   |

\* Metric part numbers available, consult factory.

\*\* S suffix for Socket; T suffix for Threaded.

\*\*\* To order EPDM kits, add E to the end of the part number.

## CPVC

| SIZE   | ASSEMBLY NUT |            | END CONNECTION      |            |                           |            | SEAL RETAINER |            |
|--------|--------------|------------|---------------------|------------|---------------------------|------------|---------------|------------|
|        |              |            | Socket or Threaded* |            | Flanged with Assembly Nut |            |               |            |
|        | PART NO.     | LIST PRICE | PART NO.            | LIST PRICE | PART NO.                  | LIST PRICE | PART NO.      | LIST PRICE |
| 1/2"   | TUX9052      | \$14.35    | ECX95S/ECX95T       | \$20.65    | NA                        | -          | SRX95         | \$11.10    |
| 3/4"   | TUX90752     | \$16.90    | ECX97S/ECX97T       | \$23.50    | NA                        | -          | SRX97         | \$13.30    |
| 1"     | TBX91002     | \$16.90    | ECX91S/ECX91T       | \$26.60    | TUX901004F                | \$141.65   | SRX91         | \$13.30    |
| 1-1/4" | TBX91502     | \$34.05    | ECX912S/ECX912T     | \$42.65    | TUX901254F                | \$163.25   | SRX915        | \$21.20    |
| 1-1/2" | TBX91502     | \$34.05    | ECX915S/ECX915T     | \$42.65    | TUX901504F                | \$191.95   | SRX915        | \$21.20    |
| 2"     | TBX922       | \$42.65    | ECX92S/ECX92T       | \$55.80    | TUX902004F                | \$249.40   | SRX92002      | \$24.70    |
| 3"     | TBX932       | \$97.00    | ECX93S/ECX93T       | \$136.85   | TUX903004F                | \$382.35   | SRX93         | \$76.50    |
| 4"     | TBX942       | \$87.40    | ECX94S/ECX94T       | \$217.80   | TUX904004F                | \$764.65   | SRX94         | \$175.15   |

| SIZE   | BALL, STEM & HANDLE KIT** |            | HANDLE   |            | PTFE SEAT & FPM SEAL REPAIR KIT |            |
|--------|---------------------------|------------|----------|------------|---------------------------------|------------|
|        | PART NO.                  | LIST PRICE | PART NO. | LIST PRICE | PART NO.                        | LIST PRICE |
| 1/2"   | TBX2050PAK                | \$37.55    | HLX23    | \$17.40    | TBX050PAK                       | \$27.05    |
| 3/4"   | TBX2075PAK                | \$39.80    | HLX23    | \$17.40    | TBX075PAK                       | \$31.55    |
| 1"     | TBX2100PAK                | \$50.80    | HLX24    | \$20.65    | TBX100PAK                       | \$37.55    |
| 1-1/4" | TBX2150PAK                | \$64.10    | HLX22    | \$20.65    | TBX150PAK                       | \$50.80    |
| 1-1/2" | TBX2150PAK                | \$64.10    | HLX22    | \$20.65    | TBX150PAK                       | \$50.80    |
| 2"     | TBX2200PAK                | \$92.65    | HLX22    | \$20.65    | TBX200PAK                       | \$68.50    |
| 3"     | TBX2300PAK                | \$269.10   | TBX138   | \$35.35    | TBX300PAK                       | \$114.15   |
| 4"     | TBX2400PAK                | \$366.20   | TBX148   | \$35.35    | TBX400PAK                       | \$243.35   |

\* S suffix for Socket; T suffix for Threaded.

\*\* To order EPDM kits add the letter "E" to the end of the part number.

# TB SERIES TRUE UNION BALL VALVE PARTS (cont.)

PP

| SIZE   | ASSEMBLY NUT |            | END CONNECTION |            | SEAL RETAINER |            | BALL, STEM & HANDLE KIT* |            | HANDLE   |            | TFE SEAT & FPM SEAL REPAIR KIT* |            |
|--------|--------------|------------|----------------|------------|---------------|------------|--------------------------|------------|----------|------------|---------------------------------|------------|
|        |              |            | Threaded       |            |               |            |                          |            |          |            |                                 |            |
|        | PART NO.     | LIST PRICE | PART NO.       | LIST PRICE | PART NO.      | LIST PRICE | PART NO.                 | LIST PRICE | PART NO. | LIST PRICE | PART NO.                        | LIST PRICE |
| 1/2"   | TUX300502    | \$12.50    | ECX35T         | \$17.85    | SRX35         | \$9.40     | TBX30050PAK              | \$32.65    | HLX9     | \$17.40    | TBX0050PAK                      | \$27.05    |
| 3/4"   | TUX3052      | \$14.85    | ECX37T         | \$20.50    | SRX37         | \$11.55    | TBX30075PAK              | \$35.00    | HLX9     | \$17.40    | TBX0075PAK                      | \$31.55    |
| 1"     | TUX301002    | \$14.85    | ECX31T         | \$23.25    | SRX31         | \$11.55    | TBX30100PAK              | \$44.80    | HLX15    | \$20.65    | TBX0100PAK                      | \$37.55    |
| 1-1/2" | TUX401502    | \$29.55    | ECX415T        | \$36.95    | SRX415        | \$18.00    | TBX40150PAK              | \$55.10    | HLX15    | \$20.65    | TBX0150PAK                      | \$50.80    |
| 2"     | TBX402002    | \$36.85    | ECX42T         | \$48.30    | SRX42         | \$21.40    | TBX40200PAK              | \$81.70    | HLX16    | \$20.65    | TBX0200PAK                      | \$68.50    |

\* To order EPDM kits add the letter "E" to the end of the part number.

# TW SERIES THREE-WAY TRUE UNION BALL VALVE PARTS

PVC

| SIZE   | ASSEMBLY NUT |            | END CONNECTION |            |           |            |                           |            | BALL, STEM & HANDLE KIT** |            |
|--------|--------------|------------|----------------|------------|-----------|------------|---------------------------|------------|---------------------------|------------|
|        |              |            | Socket         |            | Threaded  |            | Flanged with Assembly Nut |            |                           |            |
|        | PART NO.     | LIST PRICE | PART NO.       | LIST PRICE | PART NO.  | LIST PRICE | PART NO.                  | LIST PRICE | PART NO.                  | LIST PRICE |
| 1/2"   | TUX1052      | \$13.85    | ECX15S         | \$13.85    | ECX15T    | \$13.85    | TUX100504F                | \$69.80    | TWX15PAK                  | \$68.20    |
| 3/4"   | TBX10752     | \$16.05    | ECX17S         | \$15.50    | ECX17T    | \$15.50    | TUX100754F                | \$113.40   | TWX17PAK                  | \$74.15    |
| 1"     | TBX11002     | \$16.05    | ECX11S         | \$17.85    | ECX11T    | \$17.85    | TUX101004F                | \$108.15   | TWX11PAK                  | \$87.20    |
| 1-1/4" | TBX122       | \$28.80    | SBX1EC12S      | \$42.30    | SBX1EC12T | \$42.30    | TUX101254F                | \$108.15   | TWX12PAK                  | \$99.10    |
| 1-1/2" | TBX122       | \$28.80    | SBX1EC15S      | \$35.25    | SBX1EC15T | \$35.25    | TUX101504F                | \$117.60   | TWX12PAK                  | \$99.10    |
| 2"     | TBX122       | \$28.80    | ECX12S         | \$37.55    | ECX12T    | \$37.55    | TUX102004F                | \$174.35   | TWX12PAK                  | \$99.10    |
| 2-1/2" | TBX132       | \$66.25    | ECX125S        | \$86.65    | ECX125T   | \$86.65    | TUX102504F                | \$179.50   | TWX13PAK                  | \$280.40   |
| 3"     | TBX132       | \$66.25    | ECX13S         | \$84.50    | ECX13T    | \$84.50    | TUX103004F                | \$251.60   | TWX13PAK                  | \$280.40   |
| 4"     | TBX142       | \$59.65    | ECX14S         | \$89.50    | ECX14T    | \$89.50    | TUX104004F                | \$500.70   | TWX14PAK                  | \$356.55   |
|        | BSX142*      | \$86.65    | ECX14SBS*      | \$132.00   | ECX14TBS* | \$132.00   | LAX144F                   | \$500.70   |                           |            |
| 6"     |              |            |                |            |           |            | TUX106004F                | \$566.85   | TWX14PAK                  | \$356.55   |
|        |              |            |                |            |           |            | LAX164F                   | \$566.85   |                           |            |

| SIZE   | HANDLE   |            | TN OR NT STYLE BALL ONLY |            | TFE SEAT & FPM SEAL REPAIR KIT** |            | TFE SEAT & EPDM SEAL REPAIR KIT** |            |
|--------|----------|------------|--------------------------|------------|----------------------------------|------------|-----------------------------------|------------|
|        | PART NO. | LIST PRICE | PART NO.                 | LIST PRICE | PART NO.                         | LIST PRICE | PART NO.                          | LIST PRICE |
| 1/2"   | HLX23    | \$17.40    | NTX100503B               | \$77.35    | LAX5PAK                          | \$18.15    | LAX5PAKE                          | \$13.90    |
| 3/4"   | HLX23    | \$17.40    | NTX100753B               | \$104.15   | LAX7PAK                          | \$18.75    | LAX7PAKE                          | \$14.35    |
| 1"     | TWX1HL1  | \$20.65    | NTX101003B               | \$162.20   | LAX1PAK                          | \$18.75    | LAX1PAKE                          | \$15.10    |
| 1-1/4" | TWX1HL2M | \$20.65    | NTX102003B               | \$240.65   | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 1-1/2" | TWX1HL2M | \$20.65    | NTX102003B               | \$240.65   | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 2"     | TWX1HL2M | \$20.65    | NTX102003B               | \$240.65   | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 2-1/2" | LAX1HL3  | \$62.05    | NTX103003B               | \$326.85   | LAX3PAK                          | \$80.35    | LAX3PAKE                          | \$48.75    |
| 3"     | LAX1HL3  | \$62.05    | NTX103003B               | \$326.85   | LAX3PAK                          | \$80.35    | LAX3PAKE                          | \$48.75    |
| 4"     | LAX1HL4  | \$68.20    | NTX104003B               | \$730.75   | LAX4PAK                          | \$126.15   | LAX4PAKE                          | \$82.50    |
| 6"     | LAX1HL4  | \$68.20    | NTX104003B               | \$730.75   | LAX4PAK                          | \$126.15   | LAX4PAKE                          | \$82.50    |

\* Required for 3rd port.

\*\* Includes o-ring for duplex lateral valve repair.

# TW SERIES THREE-WAY TRUE UNION BALL VALVE PARTS (cont.)

## CPVC

| SIZE   | ASSEMBLY NUT |            | END CONNECTION |            |           |            |                           |            | BALL, STEM & HANDLE KIT** |            |
|--------|--------------|------------|----------------|------------|-----------|------------|---------------------------|------------|---------------------------|------------|
|        |              |            | Socket         |            | Threaded  |            | Flanged with Assembly Nut |            |                           |            |
|        | PART NO.     | LIST PRICE | PART NO.       | LIST PRICE | PART NO.  | LIST PRICE | PART NO.                  | LIST PRICE | PART NO.                  | LIST PRICE |
| 1/2"   | TUX9052      | \$14.35    | ECX95S         | \$20.65    | ECX95T    | \$20.65    | TUX900504F                | \$113.40   | TWX25PAK                  | \$46.15    |
| 3/4"   | TBX90752     | \$16.90    | ECX97S         | \$23.50    | ECX97T    | \$23.50    | TUX900754F                | \$113.40   | TWX27PAK                  | \$48.75    |
| 1"     | TBX91002     | \$16.90    | ECX91S         | \$26.60    | ECX91T    | \$26.60    | TUX901004F                | \$141.65   | TWX21PAK                  | \$75.90    |
| 1-1/4" | TBX922       | \$42.65    | SBX9EC12S      | \$68.20    | SBX9EC12T | \$119.60   | TUX901254F                | \$163.25   | TWX22PAK                  | \$256.10   |
| 1-1/2" | TBX922       | \$42.65    | SBX9EC15S      | \$68.20    | SBX9EC15T | \$119.60   | TUX901504F                | \$191.95   | TWX22PAK                  | \$256.10   |
| 2"     | TBX922       | \$42.65    | ECX92S         | \$55.80    | ECX92T    | \$55.80    | TUX902004F                | \$249.40   | TWX22PAK                  | \$256.10   |
| 2-1/2" | BVX903002    | \$78.40    | ECX925S        | \$119.35   | ECX925T   | \$119.35   | TUX902504F                | \$282.50   | TWX23PAK                  | \$394.80   |
| 3"     | BVX903002    | \$78.40    | ECX93S         | \$136.85   | ECX93T    | \$136.85   | TUX903004F                | \$382.35   | TWX23PAK                  | \$394.80   |
| 4"     | TBX942       | \$87.40    | ECX94S         | \$217.80   | ECX94T    | \$217.80   | TUX904004F                | \$764.65   | TWX24PAK                  | \$910.95   |
|        | BSX942*      | \$111.25   | ECX94SBS*      | \$144.95   | ECX94TBS* | \$144.95   | LAX944F                   | \$764.65   |                           |            |
| 6"     |              |            |                |            |           |            | TUX906004F                | \$869.70   | TWX24PAK                  | \$910.95   |
|        |              |            |                |            |           |            | LAX964F                   | \$869.70   |                           |            |

| SIZE   | HANDLE   |            | TN OR NT STYLE BALL ONLY |            | TFE SEAT & FPM SEAL REPAIR KIT** |            | TFE SEAT & EPDM SEAL REPAIR KIT** |            |
|--------|----------|------------|--------------------------|------------|----------------------------------|------------|-----------------------------------|------------|
|        | PART NO. | LIST PRICE | PART NO.                 | LIST PRICE | PART NO.                         | LIST PRICE | PART NO.                          | LIST PRICE |
| 1/2"   | HLX23    | \$17.40    | NTX900503B               | \$115.50   | LAX5PAK                          | \$18.15    | LAX5PAKE                          | \$13.90    |
| 3/4"   | HLX23    | \$17.40    | NTX900753B               | \$155.65   | LAX7PAK                          | \$18.75    | LAX7PAKE                          | \$14.35    |
| 1"     | TWX1HL1  | \$20.65    | NTX901003B               | \$242.65   | LAX1PAK                          | \$18.75    | LAX1PAKE                          | \$15.10    |
| 1-1/4" | TWX1HL2M | \$20.65    | NTX902003B               | \$361.75   | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 1-1/2" | TWX1HL2M | \$20.65    | NTX902003B               | \$361.75   | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 2"     | TWX1HL2M | \$20.65    | NTX902003B               | \$361.75   | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 2-1/2" | LAX1HL3  | \$62.05    | NTX903003B               | \$489.75   | LAX3PAK                          | \$80.35    | LAX3PAKE                          | \$48.75    |
| 3"     | LAX1HL3  | \$62.05    | NTX903003B               | \$489.75   | LAX3PAK                          | \$80.35    | LAX3PAKE                          | \$48.75    |
| 4"     | LAX1HL4  | \$68.20    | NTX904003B               | \$1,096.45 | LAX4PAK                          | \$126.15   | LAX4PAKE                          | \$82.50    |
| 6"     | LAX1HL4  | \$68.20    | NTX904003B               | \$1,096.45 | LAX4PAK                          | \$126.15   | LAX4PAKE                          | \$82.50    |

\* Required for 3rd port.

\*\* Includes o-ring for duplex lateral valve repair.

# LA SERIES LATERAL THREE-WAY TRUE UNION BALL VALVE PARTS

## PVC

| SIZE   | ASSEMBLY NUT |            | FRONT ASSEMBLY NUT |            | END CONNECTION |            |           |            |                           |            |
|--------|--------------|------------|--------------------|------------|----------------|------------|-----------|------------|---------------------------|------------|
|        |              |            |                    |            | Socket         |            | Threaded  |            | Flanged with Assembly Nut |            |
|        | PART NO.     | LIST PRICE | PART NO.           | LIST PRICE | PART NO.       | LIST PRICE | PART NO.  | LIST PRICE | PART NO.                  | LIST PRICE |
| 1/2"   | TBX10752     | \$16.05    |                    |            | ECX15S         | \$13.85    | ECX15T    | \$13.85    | TUX100504F                | \$69.80    |
| 3/4"   | TBX10752     | \$16.05    |                    |            | ECX17S         | \$15.50    | ECX17T    | \$15.50    | TUX100754F                | \$113.40   |
| 1"     | TBX11002     | \$16.05    |                    |            | ECX11S         | \$17.85    | ECX11T    | \$17.85    | TUX101004F                | \$108.15   |
| 1-1/4" | TBX122       | \$28.80    |                    |            | SBX1EC12S      | \$42.30    | SBX1EC12T | \$42.30    | TUX101254F                | \$108.15   |
| 1-1/2" | TBX122       | \$28.80    |                    |            | SBX1EC15S      | \$35.25    | SBX1EC15T | \$35.25    | TUX101504F                | \$117.60   |
| 2"     | TBX122       | \$28.80    |                    |            | ECX12S         | \$37.55    | ECX12T    | \$37.55    | TUX102004F                | \$174.35   |
| 2-1/2" | BVX10300V    | \$50.60    |                    |            | ECX125S        | \$86.65    | ECX125T   | \$86.65    | TUX102504F                | \$179.50   |
| 3"     | TBX142       | \$59.65    |                    |            | ECX13S         | \$84.50    | ECX13T    | \$84.50    | TUX103004F                | \$251.60   |
| 4"     | TBX142       | \$59.65    |                    |            | ECX14S         | \$89.50    | ECX14T    | \$89.50    | TUX104004F                | \$500.70   |
|        |              |            |                    |            | ECX14SBS*      | \$132.00   | ECX14TBS* | \$132.00   | LAX144F                   | \$500.70   |
| 6"     |              |            | BSX142*            | \$86.65    |                |            |           |            | TUX106004F                | \$566.85   |
|        |              |            |                    |            |                |            |           |            | LAX164F                   | \$566.85   |

| SIZE   | BALL, STEM & HANDLE KIT** |            | HANDLE   |            | STANDARD 180° BALL |            | STANDARD 90° BALL |            |
|--------|---------------------------|------------|----------|------------|--------------------|------------|-------------------|------------|
|        | PART NO.                  | LIST PRICE | PART NO. | LIST PRICE | PART NO.           | LIST PRICE | PART NO.          | LIST PRICE |
| 1/2"   | LAX15PAK                  | \$105.35   | HLX23    | \$17.40    | LAX1BL5            | \$85.00    | NA                | -          |
| 3/4"   | LAX17PAK                  | \$123.70   | HLX23    | \$17.40    | LAX1BL7            | \$104.15   | NA                | -          |
| 1"     | LAX11PAK                  | \$143.35   | HLX24    | \$20.65    | LAX1BL1            | \$106.20   | LAX1TN1           | \$106.20   |
| 1-1/4" | LAX12PAK                  | \$157.80   | HLX22    | \$20.65    | LAX1BL2            | \$111.25   | LAX1TN2           | \$111.25   |
| 1-1/2" | LAX12PAK                  | \$157.80   | HLX23    | \$17.40    | LAX1BL2            | \$111.25   | LAX1TN2           | \$111.25   |
| 2"     | LAX12PAK                  | \$157.80   | LAX1HL2  | \$20.65    | LAX1BL2            | \$111.25   | LAX1TN2           | \$111.25   |
| 2-1/2" | LAX13PAK                  | \$240.25   | LAX1HL3  | \$62.05    | LAX1BL3            | \$130.00   | LAX1TN3           | \$130.00   |
| 3"     | LAX13PAK                  | \$240.25   | LAX1HL3  | \$62.05    | LAX1BL3            | \$130.00   | LAX1TN3           | \$130.00   |
| 4"     | LAX14PAK                  | \$472.20   | LAX1HL4  | \$68.20    | LAX1BL4            | \$284.55   | LAX1TN4           | \$284.55   |
| 6"     | LAX14PAK                  | \$472.20   | LAX1HL4  | \$68.20    | LAX1BL4            | \$284.55   | LAX1TN4           | \$284.55   |

| SIZE   | TFE SEAT & FPM SEAL REPAIR KIT*** |            | TFE SEAT & EPDM SEAL REPAIR KIT*** |            |
|--------|-----------------------------------|------------|------------------------------------|------------|
|        | PART NO.                          | LIST PRICE | PART NO.                           | LIST PRICE |
| 1/2"   | LAX5PAK                           | \$18.15    | LAX5PAKE                           | \$13.90    |
| 3/4"   | LAX7PAK                           | \$18.75    | LAX7PAKE                           | \$14.35    |
| 1"     | LAX1PAK                           | \$18.75    | LAX1PAKE                           | \$15.10    |
| 1-1/4" | LAX2PAK                           | \$26.90    | LAX2PAKE                           | \$21.50    |
| 1-1/2" | LAX2PAK                           | \$26.90    | LAX2PAKE                           | \$21.50    |
| 2"     | LAX2PAK                           | \$26.90    | LAX2PAKE                           | \$21.50    |
| 2-1/2" | LAX3PAK                           | \$80.35    | LAX3PAKE                           | \$48.75    |
| 3"     | LAX3PAK                           | \$80.35    | LAX3PAKE                           | \$48.75    |
| 4"     | LAX4PAK                           | \$126.15   | LAX4PAKE                           | \$82.50    |
| 6"     | LAX4PAK                           | \$126.15   | LAX4PAKE                           | \$82.50    |

\* Required for 3rd port.

\*\* Includes o-ring for duplex lateral valve repair.



# LA SERIES LATERAL THREE-WAY TRUE UNION BALL VALVE PARTS (cont.)

## CPVC

| SIZE   | ASSEMBLY NUT |            | FRONT ASSEMBLY NUT |            | END CONNECTION |            |           |            |                           |
|--------|--------------|------------|--------------------|------------|----------------|------------|-----------|------------|---------------------------|
|        |              |            |                    |            | Socket         |            | Threaded  |            | Flanged with Assembly Nut |
|        | PART NO.     | LIST PRICE | PART NO.           | LIST PRICE | PART NO.       | LIST PRICE | PART NO.  | LIST PRICE | PART NO. LIST PRICE       |
| 1/2"   | TUX9052      | \$14.35    |                    |            | ECX95S         | \$20.65    | ECX95T    | \$20.65    | TUX900504F \$113.40       |
| 3/4"   | TBX90752     | \$16.90    |                    |            | ECX97S         | \$23.50    | ECX97T    | \$23.50    | TUX900754F \$113.40       |
| 1"     | TBX91002     | \$16.90    |                    |            | ECX91S         | \$26.60    | ECX91T    | \$26.60    | TUX901004F \$141.65       |
| 1-1/4" | TBX922       | \$42.65    |                    |            | SBX9EC12S      | \$68.20    | SBX9EC12T | \$119.60   | TUX901254F \$163.25       |
| 1-1/2" | TBX922       | \$42.65    |                    |            | SBX9EC15S      | \$68.20    | SBX9EC15T | \$119.60   | TUX901504F \$191.95       |
| 2"     | TBX922       | \$42.65    |                    |            | ECX92S         | \$55.80    | ECX92T    | \$55.80    | TUX902004F \$249.40       |
| 2-1/2" | BVX903002    | \$78.40    |                    |            | ECX925S        | \$119.35   | ECX925T   | \$119.35   | TUX902504F \$282.50       |
| 3"     | BVX903002    | \$78.40    |                    |            | ECX93S         | \$136.85   | ECX93T    | \$136.85   | TUX903004F \$382.35       |
| 4"     | TBX942       | \$87.40    |                    |            | ECX94S         | \$217.80   | ECX94T    | \$217.80   | TUX904004F \$764.65       |
|        |              |            |                    |            | ECX94SBS*      | \$144.95   | ECX94TBS* | \$144.95   | LAX944F \$764.65          |
| 6"     |              |            | BSX942*            | \$111.25   |                |            |           |            | TUX906004F \$869.70       |
|        |              |            |                    |            |                |            |           |            | LAX964F \$869.70          |

| SIZE   | BALL, STEM & HANDLE KIT** |            | HANDLE   |            | STANDARD 180° BALL |            | STANDARD 90° BALL |            |
|--------|---------------------------|------------|----------|------------|--------------------|------------|-------------------|------------|
|        | PART NO.                  | LIST PRICE | PART NO. | LIST PRICE | PART NO.           | LIST PRICE | PART NO.          | LIST PRICE |
| 1/2"   | LAX25PAK                  | \$118.75   | HLX23    | \$17.40    | LAX9BL5            | \$99.10    | NA                | -          |
| 3/4"   | LAX27PAK                  | \$128.90   | HLX23    | \$17.40    | LAX9BL7            | \$113.40   | NA                | -          |
| 1"     | LAX21PAK                  | \$96.95    | HLX24    | \$20.65    | LAX9BL1            | \$127.80   | LAX9TN1           | \$127.80   |
| 1-1/4" | LAX22PAK                  | \$176.60   | HLX22    | \$20.65    | LAX9BL2            | \$140.25   | LAX9TN2           | \$140.25   |
| 1-1/2" | LAX22PAK                  | \$176.60   | HLX23    | \$17.40    | LAX9BL2            | \$140.25   | LAX9TN2           | \$140.25   |
| 2"     | LAX22PAK                  | \$176.60   | LAX1HL2  | \$20.65    | LAX9BL2            | \$140.25   | LAX9TN2           | \$140.25   |
| 2-1/2" | LAX23PAK                  | \$375.25   | LAX1HL3  | \$62.05    | LAX9BL3            | \$282.50   | LAX9TN3           | \$282.50   |
| 3"     | LAX23PAK                  | \$375.25   | LAX1HL3  | \$62.05    | LAX9BL3            | \$282.50   | LAX9TN3           | \$282.50   |
| 4"     | LAX24PAK                  | \$455.60   | LAX1HL4  | \$68.20    | LAX9BL4            | \$298.85   | LAX9TN4           | \$298.85   |
| 6"     | LAX24PAK                  | \$455.60   | LAX1HL4  | \$68.20    | LAX9BL4            | \$298.85   | LAX9TN4           | \$298.85   |

| SIZE   | TFE SEAT & FPM SEAL REPAIR KIT** |            | TFE SEAT & EPDM SEAL REPAIR KIT** |            |
|--------|----------------------------------|------------|-----------------------------------|------------|
|        | PART NO.                         | LIST PRICE | PART NO.                          | LIST PRICE |
| 1/2"   | LAX5PAK                          | \$18.15    | LAX5PAKE                          | \$13.90    |
| 3/4"   | LAX7PAK                          | \$18.75    | LAX7PAKE                          | \$14.35    |
| 1"     | LAX1PAK                          | \$18.75    | LAX1PAKE                          | \$15.10    |
| 1-1/4" | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 1-1/2" | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 2"     | LAX2PAK                          | \$26.90    | LAX2PAKE                          | \$21.50    |
| 2-1/2" | LAX3PAK                          | \$80.35    | LAX3PAKE                          | \$48.75    |
| 3"     | LAX3PAK                          | \$80.35    | LAX3PAKE                          | \$48.75    |
| 4"     | LAX4PAK                          | \$126.15   | LAX4PAKE                          | \$82.50    |
| 6"     | LAX4PAK                          | \$126.15   | LAX4PAKE                          | \$82.50    |

\* Required for 3rd port.

\*\* Includes o-ring for duplex lateral valve repair.

# TC SERIES TRUE UNION BALL CHECK VALVE PARTS

If required part is not listed below, refer to the part list for True Union Ball Valves.

## PVC

| SIZE   | BALL      |            | FPM SEAT & SEAL REPAIR KIT |            | EPDM SEAT & SEAL REPAIR KIT |            |
|--------|-----------|------------|----------------------------|------------|-----------------------------|------------|
|        | PART NO.  | LIST PRICE | PART NO.                   | LIST PRICE | PART NO.                    | LIST PRICE |
| 1/2"   | TCX100503 | \$8.05     | TCX0050PAK                 | \$24.50    | TCX0050PAKE                 | \$19.65    |
| 3/4"   | TCX100753 | \$15.65    | TCX0075PAK                 | \$30.15    | TCX0075PAKE                 | \$23.80    |
| 1"     | TCX101003 | \$18.35    | TCX0100PAK                 | \$33.20    | TCX0100PAKE                 | \$26.60    |
| 1-1/4" | TCX101253 | \$22.95    | TCX0150PAK                 | \$48.55    | TCX0150PAKE                 | \$38.85    |
| 1-1/2" | TCX101503 | \$25.70    | TCX0150PAK                 | \$48.55    | TCX0150PAKE                 | \$38.85    |
| 2"     | TCX102003 | \$72.05    | TCX0200PAK                 | \$62.80    | TCX0200PAKE                 | \$50.50    |
| 2-1/2" | TCX103003 | \$135.45   | TCX300PAK                  | \$96.80    | TCX300PAKE                  | \$77.25    |
| 3"     | TCX103003 | \$135.45   | TCX300PAK                  | \$96.80    | TCX300PAKE                  | \$77.25    |
| 4"     | TCX104003 | \$562.80   | TCX400PAK                  | \$171.45   | TCX400PAKE                  | \$136.85   |

## CPVC

| SIZE   | BALL      |            | FPM SEAT & SEAL REPAIR KIT |            | EPDM SEAT & SEAL REPAIR KIT |            |
|--------|-----------|------------|----------------------------|------------|-----------------------------|------------|
|        | PART NO.  | LIST PRICE | PART NO.                   | LIST PRICE | PART NO.                    | LIST PRICE |
| 1/2"   | TCX200503 | \$12.10    | TCX0050PAK                 | \$24.50    | TCX0050PAKE                 | \$19.65    |
| 3/4"   | TCX200753 | \$23.50    | TCX0075PAK                 | \$30.15    | TCX0075PAKE                 | \$23.80    |
| 1"     | TCX201003 | \$27.80    | TCX0100PAK                 | \$33.20    | TCX0100PAKE                 | \$26.60    |
| 1-1/4" | TCX201503 | \$34.50    | TCX0125PAK                 | \$39.80    | TCX0150PAKE                 | \$31.95    |
| 1-1/2" | TCX201503 | \$38.85    | TCX0150PAK                 | \$48.55    | TCX0150PAKE                 | \$38.85    |
| 2"     | TCX202003 | \$108.15   | TCX0200PAK                 | \$62.80    | TCX0200PAKE                 | \$50.50    |
| 3"     | TCX903003 | \$203.15   | TCX300PAK                  | \$96.80    | TCX300PAKE                  | \$77.25    |
| 4"     | TCX204003 | \$847.15   | TCX400PAK                  | \$171.45   | TCX400PAKE                  | \$136.85   |

## PP

| SIZE   | BALL      |            | FPM SEAT & SEAL REPAIR KIT |            | EPDM SEAT & SEAL REPAIR KIT |            |
|--------|-----------|------------|----------------------------|------------|-----------------------------|------------|
|        | PART NO.  | LIST PRICE | PART NO.                   | LIST PRICE | PART NO.                    | LIST PRICE |
| 1/2"   | TCX400503 | \$10.35    | TCX0050PAK                 | \$24.50    | TCX0050PAKE                 | \$19.65    |
| 3/4"   | TCX400753 | \$20.50    | TCX0075PAK                 | \$30.15    | TCX0075PAKE                 | \$23.80    |
| 1"     | TCX401003 | \$23.95    | TCX0100PAK                 | \$33.20    | TCX0100PAKE                 | \$26.60    |
| 1-1/2" | TCX401503 | \$33.65    | TCX0150PAK                 | \$48.55    | TCX0150PAKE                 | \$38.85    |
| 2"     | TCX402003 | \$93.80    | TCX0200PAK                 | \$62.80    | TCX0200PAKE                 | \$50.50    |

# YC SERIES Y-CHECK VALVE PARTS

## PVC

| SIZE   | CAP        |            | DISC       |            | COIL       |            | FPM SEAL REPAIR KIT |            |
|--------|------------|------------|------------|------------|------------|------------|---------------------|------------|
|        | PART NO.   | LIST PRICE | PART NO.   | LIST PRICE | PART NO.   | LIST PRICE | PART NO.            | LIST PRICE |
| 1/2"   | YCX1005013 | \$24.70    | YCX1005012 | \$23.70    | YCX1005014 | \$10.00    | YCX0050PK           | \$6.40     |
| 3/4"   | YCX1007513 | \$30.65    | YCX1007512 | \$29.55    | YCX1007514 | \$13.65    | YCX0075PK           | \$6.40     |
| 1"     | YCX1010013 | \$39.50    | YCX1010012 | \$38.10    | YCX1010014 | \$17.20    | YCX0100PK           | \$8.65     |
| 1-1/4" | YCX1015013 | \$49.45    | YCX1015012 | \$47.60    | YCX1015014 | \$19.60    | YCX0150PK           | \$11.50    |
| 1-1/2" | YCX1015013 | \$49.45    | YCX1015012 | \$47.60    | YCX1015014 | \$19.60    | YCX0150PK           | \$11.50    |
| 2"     | YCX1020013 | \$66.70    | YCX1020012 | \$64.85    | YCX1020014 | \$95.15    | YCX0200PK           | \$23.50    |
| 3"     | YCX1030013 | \$127.45   | YCX1030012 | \$122.70   | YCX1030014 | \$133.95   | YCX0300PK           | \$41.70    |
| 4"     | YCX1040013 | \$172.95   | YCX1040012 | \$166.70   | YCX1040014 | \$167.25   | YCX0400PK           | \$86.80    |

\* For CPVC Consult Factory

# SLC SERIES SPRING-LOADED Y-CHECK VALVES

| SIZE | SEAL KITS |            |          |            | SPRINGS   |            |
|------|-----------|------------|----------|------------|-----------|------------|
|      | FPM       |            | EPDM     |            |           |            |
|      | PART NO.  | LIST PRICE | PART NO. | LIST PRICE | PART NO.  | LIST PRICE |
| 1"   | SLC1PAKV  | \$35.00    | SLC1PAKE | \$24.65    | YRXSPR100 | \$8.90     |
| 2"   | SLC2PAKV  | \$42.10    | SLC2PAKE | \$30.55    | YRXSPR200 | \$23.15    |
| 3"   | SLC3PAKV  | \$51.60    | SLC3PAKE | \$37.20    | YRXSPR300 | \$92.50    |
| 4"   | SLC4PAKV  | \$65.60    | SLC4PAKE | \$46.85    | YRXSPR400 | \$157.60   |

# SW SERIES SWING CHECK VALVE PARTS

|                          | 3"        |            | 4"        |            | 6"        |            | 8"        |            |
|--------------------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
|                          | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE |
| FPM Seat O-Ring Kit      | SW300PAKV | \$178.85   | SW400PAKV | \$238.35   | SW600PAKV | \$274.25   | SW800PAKV | \$305.30   |
| EPDM Seat O-Ring Kit     | SW300PAKE | \$120.75   | SW400PAKE | \$190.80   | SW600PAKE | \$219.50   | SW800PAKE | \$243.35   |
| FPM Flange O-Ring Seal   | ORX339V70 | \$50.50    | ORX347V70 | \$50.50    | ORX363V70 | \$67.85    | ORX371V70 | \$67.85    |
| EPDM Flange O-Ring Seal  | ORX339E70 | \$40.25    | ORX347E70 | \$40.25    | ORX363E70 | \$52.30    | ORX371E70 | \$52.30    |
| FPM Clapper O-Ring Seal  | SWXV36    | \$90.55    | SWXV46    | \$95.40    | SWXV66    | \$102.45   | SWXV86    | \$107.50   |
| EPDM Clapper O-Ring Seal | SWXE36    | \$71.70    | SWXE46    | \$76.25    | SWXE66    | \$81.20    | SWXE86    | \$85.90    |
| PVC Counterweight Kit    | SW13CKIT  | \$298.20   | SW14CKIT  | \$298.20   | SW16CKIT  | \$298.20   | SW18CKIT  | \$298.20   |
| PP Counterweight Kit     | SW43CKIT  | \$298.20   | SW44CKIT  | \$298.20   | SW46CKIT  | \$476.90   | SW48CKIT  | \$595.95   |

\* For CPVC Consult Factory

# WCV SERIES CHECK VALVE PARTS

## PVC

| SIZE   | DISC KITS (DISC, AXLE CAP, DISC O-RING & BODY O-RING) |            |           |            |
|--------|-------------------------------------------------------|------------|-----------|------------|
|        | FPM                                                   |            | EPDM      |            |
|        | PART NO.                                              | LIST PRICE | PART NO.  | LIST PRICE |
| 2"     | WCXV1203V                                             | \$71.80    | WCXV1203E | \$67.10    |
| 2-1/2" | WCXV1253V                                             | \$75.35    | WCXV1253E | \$70.60    |
| 3"     | WCXV1303V                                             | \$85.90    | WCXV1303E | \$80.05    |
| 4"     | WCXV1403V                                             | \$108.30   | WCXV1403E | \$102.40   |
| 6"     | WCXV1603V                                             | \$133.00   | WCXV1603E | \$125.95   |
| 8"     | WCXV1803V                                             | \$165.95   | WCXV1803E | \$156.55   |

# WCV SERIES CHECK VALVE PARTS (cont.)

## CPVC

| SIZE   | DISC KITS (DISC, AXLE CAP, DISC O-RING & BODY O-RING) |            |           |            |
|--------|-------------------------------------------------------|------------|-----------|------------|
|        | FPM                                                   |            | EPDM      |            |
|        | PART NO.                                              | LIST PRICE | PART NO.  | LIST PRICE |
| 2"     | WCXV9203V                                             | \$88.30    | WCXV9203E | \$83.55    |
| 2-1/2" | WCXV9253V                                             | \$93.00    | WCXV9253E | \$88.30    |
| 3"     | WCXV9303V                                             | \$105.95   | WCXV9303E | \$100.05   |
| 4"     | WCXV9403V                                             | \$133.00   | WCXV9403E | \$121.25   |
| 6"     | WCXV9603V                                             | \$164.80   | WCXV9603E | \$147.15   |
| 8"     | WCXV9803V                                             | \$206.00   | WCXV9803E | \$182.45   |

| SIZE   | SEAL KITS ((2) FACE O-RING) |            |                |            |
|--------|-----------------------------|------------|----------------|------------|
|        | FPM                         |            | EPDM           |            |
|        | PART NO.                    | LIST PRICE | PART NO.       | LIST PRICE |
| 2"     | WCXV20SEALKITV              | \$12.95    | WCXV20SEALKITE | \$10.60    |
| 2-1/2" | WCXV25SEALKITV              | \$15.30    | WCXV25SEALKITE | \$12.95    |
| 3"     | WCXV30SEALKITV              | \$18.85    | WCXV30SEALKITE | \$16.50    |
| 4"     | WCXV40SEALKITV              | \$24.70    | WCXV40SEALKITE | \$21.20    |
| 6"     | WCXV60SEALKITV              | \$30.60    | WCXV60SEALKITE | \$27.05    |
| 8"     | WCXV80SEALKITV              | \$49.45    | WCXV80SEALKITE | \$44.75    |

| SIZE   | SPRINGS         |            |               |            |
|--------|-----------------|------------|---------------|------------|
|        | STAINLESS STEEL |            | HASTELLOY     |            |
|        | PART NO.        | LIST PRICE | PART NO.      | LIST PRICE |
| 2"     | WCXV20SPRINGS   | \$47.10    | WCXV20SPRINGH | \$141.25   |
| 2-1/2" | WCXV25SPRINGS   | \$52.95    | WCXV25SPRINGH | \$158.90   |
| 3"     | WCXV30SPRINGS   | \$58.85    | WCXV30SPRINGH | \$176.55   |
| 4"     | WCXV40SPRINGS   | \$64.75    | WCXV40SPRINGH | \$194.20   |
| 6"     | WCXV60SPRINGS   | \$76.50    | WCXV60SPRINGH | \$229.50   |
| 8"     | WCXV80SPRINGS   | \$88.30    | WCXV80SPRINGH | \$264.85   |

## BY SERIES BUTTERFLY VALVE PARTS

| SIZE | HANDLE   |            | PVC DISC |            | LINER & SEAL KITS |            |           |            |           |            |
|------|----------|------------|----------|------------|-------------------|------------|-----------|------------|-----------|------------|
|      |          |            |          |            | FPM               |            | EPDM      |            | NITRILE   |            |
|      | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO.          | LIST PRICE | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE |
| 2"   | LEX3A    | \$147.65   | BYX122   | \$80.80    | BYXV2KIT          | \$436.95   | BYXE2KIT  | \$109.75   | BYXN2KIT  | \$109.75   |
| 3"   | LEX3A    | \$147.65   | BYX132   | \$89.65    | BYXV3KIT          | \$519.45   | BYXE3KIT  | \$122.05   | BYXN3KIT  | \$122.05   |
| 4"   | LEX4A    | \$154.40   | BYX142   | \$114.95   | BYXV4KIT          | \$595.70   | BYXE4KIT  | \$169.30   | BYXN4KIT  | \$169.30   |
| 6"   | LEX6A    | \$176.25   | BYX162   | \$169.30   | BYXV6KIT          | \$754.40   | BYXE6KIT  | \$215.40   | BYXN6KIT  | \$215.40   |
| 8"   | LEX8A    | \$211.85   | BYX182   | \$229.80   | BYXV8KIT          | \$1,251.15 | BYXE8KIT  | \$339.75   | BYXN8KIT  | \$339.75   |
| 10"  | NA       | -          | NA       | -          | BYXV10KIT         | \$2,071.30 | BYXE10KIT | \$683.80   | BYXN10KIT | \$683.80   |
| 12"  | NA       | -          | NA       | -          | NA                | -          | NA        | -          | NA        | -          |

\* For PVC / CPVC Consult Factory

# BYV SERIES BUTTERFLY VALVES PARTS

## HANDLE KIT, THROTTLE PLATE AND O-RING KITS

| SIZE   | HANDLE KIT |            | THROTTLE PLATE |            | FPM O-RING KITS |            | EPDM O-RING KITS |            |
|--------|------------|------------|----------------|------------|-----------------|------------|------------------|------------|
|        | PART NO.   | LIST PRICE | PART NO.       | LIST PRICE | PART NO.        | LIST PRICE | PART NO.         | LIST PRICE |
| 2"     | BYXV3HLKIT | \$116.30   | BYXVTP4        | \$36.70    | BYXV030ORKITV   | \$23.30    | BYXV030ORKITE    | \$14.00    |
| 2-1/2" | BYXV3HLKIT | \$116.30   | BYXVTP4        | \$36.70    | BYXV030ORKITV   | \$23.30    | BYXV030ORKITE    | \$14.00    |
| 3"     | BYXV3HLKIT | \$116.30   | BYXVTP4        | \$36.70    | BYXV030ORKITV   | \$23.30    | BYXV030ORKITE    | \$14.00    |
| 4"     | BYXV4HLKIT | \$116.30   | BYXVTP4        | \$36.70    | BYXV040ORKITV   | \$26.95    | BYXV040ORKITE    | \$16.20    |
| 6"     | BYXV6HLKIT | \$134.65   | BYXVTP8        | \$61.20    | BYXV060ORKITV   | \$31.85    | BYXV060ORKITE    | \$19.15    |
| 8"     | BYXV8HLKIT | \$134.65   | BYXVTP8        | \$61.20    | BYXV080ORKITV   | \$37.95    | BYXV080ORKITE    | \$22.75    |
| 10"    | NA         | -          | NA             | -          | BYXV100ORKITV   | \$45.30    | BYXV100ORKITE    | \$27.20    |
| 12"    | NA         | -          | NA             | -          | BYXV120ORKITV   | \$53.90    | BYXV120ORKITE    | \$32.35    |

## DISC

| SIZE   | PVC DISC  |            | GFPP DISC |            | CPVC DISC |            |
|--------|-----------|------------|-----------|------------|-----------|------------|
|        | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE | PART NO.  | LIST PRICE |
| 2"     | BYXV10202 | \$77.60    | BYXV40202 | \$93.15    | BYXV20202 | \$116.45   |
| 2-1/2" | BYXV10252 | \$86.15    | BYXV40252 | \$103.35   | BYXV20252 | \$129.25   |
| 3"     | BYXV10302 | \$107.70   | BYXV40302 | \$129.25   | BYXV20302 | \$161.55   |
| 4"     | BYXV10402 | \$110.50   | BYXV40402 | \$132.60   | BYXV20402 | \$165.80   |
| 6"     | BYXV10602 | \$162.85   | BYXV40602 | \$195.40   | BYXV20602 | \$244.25   |
| 8"     | BYXV10802 | \$221.00   | BYXV40802 | \$265.20   | BYXV20802 | \$331.45   |
| 10"    | BYXV11002 | \$244.80   | BYXV41002 | \$306.00   | BYXV21002 | \$367.20   |
| 12"    | BYXV11202 | \$275.40   | BYXV41202 | \$367.20   | BYXV21202 | \$459.05   |

## LINER AND SEAL KITS

| SIZE   | EPDM LINER AND SEALS |            | VITON® LINER AND FPM SEALS |            | NITRILE LINER AND SEALS |            |
|--------|----------------------|------------|----------------------------|------------|-------------------------|------------|
|        | PART NO.             | LIST PRICE | PART NO.                   | LIST PRICE | PART NO.                | LIST PRICE |
| 2"     | BYXV020KITE          | \$105.50   | BYXV020KITV                | \$366.05   | BYXV020KITN             | \$105.50   |
| 2-1/2" | BYXV025KITE          | \$111.45   | BYXV025KITV                | \$397.85   | BYXV025KITN             | \$111.45   |
| 3"     | BYXV030KITE          | \$117.35   | BYXV030KITV                | \$434.55   | BYXV030KITN             | \$117.35   |
| 4"     | BYXV040KITE          | \$162.85   | BYXV040KITV                | \$520.25   | BYXV040KITN             | \$162.85   |
| 6"     | BYXV060KITE          | \$207.10   | BYXV060KITV                | \$704.25   | BYXV060KITN             | \$207.10   |
| 8"     | BYXV080KITE          | \$326.70   | BYXV080KITV                | \$1,168.05 | BYXV080KITN             | \$326.70   |
| 10"    | BYXV100KITE          | \$657.45   | BYXV100KITV                | \$1,933.75 | BYXV100KITN             | \$657.45   |
| 12"    | BYXV120KITE          | \$740.55   | BYXV120KITV                | \$2,533.85 | BYXV120KITN             | \$740.55   |

## GEARBOX\*

| SIZE    | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE |
|---------|----------|------------|------|----------|------------|
| 2" - 3" | GBV3     | \$616.65   | 8"   | GBV8     | \$678.35   |
| 4"      | GBV4     | \$616.65   | 10"  | GBV10    | \$718.95   |
| 6"      | GBV6     | \$616.65   | 12"  | GBV12    | \$718.95   |

\* Installation hardware included

## HANDWHEEL FOR GEAR

| SIZE      | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 2" - 4"   | GRXHW4   | \$60.60    |
| 6" - 8"   | GRXHW8   | \$66.75    |
| 10" - 12" | GRXHW12  | \$72.85    |



## LHB SERIES MANUAL LIMIT SWITCH FOR TB & BYV SERIES

Price is for switch only; add the cost of the valve and any required options.

**LHB Series:** Manual limit switch fits all sizes of TB and BYV Series up to 8". The LHB meets ISO5211, is rated NEMA 4X and has an integral lockout. SPDT 10 amp @ 120VAC limit switches are included standard. Two additional limit switches can be added as well as a potentiometer, lever or T-handle option\* and LED for Open/Close indication.

### TB SERIES

| VALVE SIZE | PART NO.  | DESCRIPTION      | LIST PRICE |
|------------|-----------|------------------|------------|
| 1/2" – 2"  | LHB1TB1S2 | 2 Limit Switches | \$361.55   |
| 1/2" – 2"  | LHB1TB1S4 | 4 Limit Switches | \$349.10   |

| VALVE SIZE  | PART NO.  | DESCRIPTION      | LIST PRICE |
|-------------|-----------|------------------|------------|
| 2-1/2" – 6" | LHB2TB3S2 | 2 Limit Switches | \$448.20   |
| 2-1/2" – 6" | LHB2TB3S4 | 4 Limit Switches | \$537.00   |

### BYV SERIES

| VALVE SIZE | PART NO.   | DESCRIPTION      | LIST PRICE |
|------------|------------|------------------|------------|
| 2" – 3"    | LHB1BYV2S2 | 2 Limit Switches | \$361.55   |
| 4"         | LHB1BYV4S2 | 2 Limit Switches | \$361.55   |
| 2" – 3"    | LHB1BYV2S4 | 4 Limit Switches | \$450.80   |
| 4"         | LHB1BYV4S4 | 4 Limit Switches | \$450.80   |

| VALVE SIZE | PART NO.   | DESCRIPTION      | LIST PRICE |
|------------|------------|------------------|------------|
| 6"         | LHB2BYV6S2 | 2 Limit Switches | \$448.20   |
| 8"         | LHB2BYV8S2 | 2 Limit Switches | \$448.20   |
| 6"         | LHB2BYV6S4 | 4 Limit Switches | \$537.00   |
| 8"         | LHB2BYV8S4 | 4 Limit Switches | \$537.00   |

\* TB Limit Switch comes standard with T-Handle, lever handle optional, consult factory.

## LHB SERIES MANUAL LIMIT SWITCH WITH SPRING RETURN



### TB Series\*\*

| VALVE SIZE | PART NO.    | DESCRIPTION      | LIST PRICE |
|------------|-------------|------------------|------------|
| 1/2" – 2"  | LHB1TB1S2SR | 2 Limit Switches | \$462.55   |
| 1/2" – 2"  | LHB1TB1S4SR | 4 Limit Switches | \$576.55   |

### BYV Series

| VALVE SIZE | PART NO.     | DESCRIPTION      | LIST PRICE |
|------------|--------------|------------------|------------|
| 2" – 3"    | LHB1BYV2S2SR | 2 Limit Switches | \$462.55   |
| 2" – 3"    | LHB1BYV2S4SR | 4 Limit Switches | \$576.60   |

\* LHB-SR's available without limit switches upon request.

\*\* Handle operator standard.

**NOTE:** Valve not included. Order HC TB version, if required.

**NOTE:** LHB-SR's include mounting kit.



## SV SERIES TRUE UNION SOLENOID VALVES

SV Series solenoid valves are available in PVC or Corzan CPVC. Seals are FPM or EPDM. All sizes are offered with socket and threaded end connections. Standard voltage is 120 VAC. Specify optional voltage of 12 or 24 VAC/VDC or 220VAC.

| PVC/FPM SEALS |                 |            |                 |
|---------------|-----------------|------------|-----------------|
| Size          | End Conn.       | Part No.   | List Price      |
| 1/2"          | Socket/Threaded | SV10050STV | <b>\$405.25</b> |
| 3/4"          | Socket/Threaded | SV10075STV | <b>\$551.25</b> |
| 1"            | Socket/Threaded | SV10100STV | <b>\$603.05</b> |

| CPVC/FPM SEALS |                 |            |                 |
|----------------|-----------------|------------|-----------------|
| Size           | End Conn.       | Part No.   | List Price      |
| 1/4"           | Socket/Threaded | SV20025STV | <b>\$437.25</b> |
| 1/2"           | Socket/Threaded | SV20050STV | <b>\$437.25</b> |
| 3/4"           | Socket/Threaded | SV20075STV | <b>\$593.25</b> |
| 1"             | Socket/Threaded | SV20100STV | <b>\$640.95</b> |

| PVC/EPDM SEALS |                 |            |                 |
|----------------|-----------------|------------|-----------------|
| Size           | End Conn.       | Part No.   | List Price      |
| 1/2"           | Socket/Threaded | SV10050STE | <b>\$395.45</b> |
| 3/4"           | Socket/Threaded | SV10075STE | <b>\$537.35</b> |
| 1"             | Socket/Threaded | SV10100STE | <b>\$585.30</b> |

| CPVC/EPDM SEALS |                 |            |                 |
|-----------------|-----------------|------------|-----------------|
| Size            | End Conn.       | Part No.   | List Price      |
| 1/4"            | Socket/Threaded | SV20025STE | <b>\$425.25</b> |
| 1/2"            | Socket/Threaded | SV20050STE | <b>\$425.25</b> |
| 3/4"            | Socket/Threaded | SV20075STE | <b>\$571.35</b> |
| 1"              | Socket/Threaded | SV20100STE | <b>\$623.10</b> |

| VOLTAGE OPTIONS* |                 |                 |
|------------------|-----------------|-----------------|
| Option           | Part No. Suffix | List Price      |
| 12VAC            | 12A/D           | <b>\$153.15</b> |
| 24VAC            | 24A/D           | <b>\$153.15</b> |
| 12VDC            | 12A/D           | <b>\$153.15</b> |
| 24VDC            | 24A/D           | <b>\$153.15</b> |
| 220VAC           | 220A            | <b>OPT-NC</b>   |

\*Add list price of voltage option to list price of solenoid valve.

# ELECTRIC ACTUATORS – EAU & EPZ SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



**EAU\* Series:** Low cost solution for light duty applications not requiring a manual override. Corrosion resistant plastic housing, and light weight.

**EPZ Series:** Compact, reversing, non-spring return actuator is ideal for limited space applications and smaller size ball valves. Standard 120 VAC, and manual override including lock-out function (tool included), open/close only. Lightweight, aluminum alloy electrostatic coated, NEMA 4X and Class F motor protection.

| Model List Price             | EAU28<br>\$418.50 | EAU29<br>\$418.50 | EPZ6<br>\$528.20 | EPZ15<br>\$563.30 |
|------------------------------|-------------------|-------------------|------------------|-------------------|
| Torque lbs                   | 29                | 29                | 55               | 135               |
| <b>TB &amp; CV SERIES</b>    |                   |                   |                  |                   |
| 1/2"                         |                   | •                 | •                | •                 |
| 3/4"                         |                   | •                 | •                | •                 |
| 1"                           |                   | •                 | •                | •                 |
| 1-1/4"                       |                   | •                 |                  | •                 |
| 1-1/2"                       |                   | •                 |                  | •                 |
| 2"                           |                   | •                 |                  | •                 |
| <b>TW &amp; LA SERIES***</b> |                   |                   |                  |                   |
| 1/2"                         | •                 |                   | •                | •                 |
| 3/4"                         | •                 |                   | •                | •                 |
| 1"                           | •                 |                   | •                | •                 |
| 1-1/4"                       | •                 |                   |                  | •                 |
| 1-1/2"                       | •                 |                   |                  | •                 |
| 2"                           | •                 |                   |                  | •                 |

\*\*\* EAU28 applies to TW Series only.

| <b>OPTIONS AND ACCESSORIES (OPTIONS AVAILABLE WHERE PRICE IS SHOWN) ADD TO PRICE OF ACTUATOR.</b> |            |                 |                 |                  |
|---------------------------------------------------------------------------------------------------|------------|-----------------|-----------------|------------------|
| Option                                                                                            | Suffix No. | EAU List Price  | EPZ6 List Price | EPZ15 List Price |
| Voltage 12 VAC                                                                                    | 12A        | <b>\$136.05</b> | N/A             | N/A              |
| Voltage 12 VDC                                                                                    | 12D        | <b>\$165.00</b> | N/A             | N/A              |
| Voltage 120 VAC                                                                                   | 120        | STD             | STD             | STD              |
| Voltage 220 VAC                                                                                   | 220V       | <b>\$136.05</b> | N/A             | N/A              |
| Voltage 230 VAC                                                                                   | 230        | N/A             | OPT-NC          | OPT-NC           |
| Voltage 24 VAC                                                                                    | 24A        | <b>\$136.05</b> | OPT-NC          | OPT-NC           |
| Voltage 24 VDC                                                                                    | 24D        | <b>\$165.00</b> | N/A             | N/A              |
| Brake                                                                                             | K          | STD             | N/A             | N/A              |
| 1 Auxiliary Limit Switch                                                                          | S          | STD             | N/A             | N/A              |
| 316 Stainless Steel Tags                                                                          | YSS2       | <b>\$47.35</b>  | <b>\$47.35</b>  | <b>\$47.35</b>   |

OPT-NC = Optional, no charge.

N/A = Feature Not Applicable to actuator.

STD = Feature is Standard on actuator.

\*EAU actuator for TW Series 3-Way Ball valves ONLY, choose another actuator for LA Series Lateral 3-Way Ball valves.

\*\* EPZ6 & EPZ15 offer 2 Pilot Switches standard.

# GLASS FILLED POLYPROPYLENE ELECTRIC ACTUATORS

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



**ECP Series:** Compact actuator for all applications. Standard 120/230V and 12/24V, 4 auxiliary limit switches, heater, LED status, position indicator and manual override. GFPP thermoplastic housing. NEMA 4X (IP-67). Optional proportional control and battery fail safe kit.

| Model<br>List Price       | ECP2-120-230<br>\$595.50 | ECP3-120-230<br>\$601.50 | ECP5-120-230<br>\$1,462.30 | ECP8-120-230<br>\$1,679.60 |
|---------------------------|--------------------------|--------------------------|----------------------------|----------------------------|
| Model<br>List Price       | ECP2-12-24D<br>\$725.15  | ECP3-12-24D<br>\$731.15  | ECP5-12-24D<br>\$1,689.15  | ECP8-12-24D<br>\$1,907.70  |
| Torque lbs/Nm             | 221/25                   | 359/40                   | 530/60                     | 796/90                     |
| <b>TB SERIES</b>          |                          |                          |                            |                            |
| 1/2"                      | •                        |                          |                            |                            |
| 3/4"                      | •                        |                          |                            |                            |
| 1"                        | •                        | •                        |                            |                            |
| 1-1/4"                    | •                        | •                        |                            |                            |
| 1-1/2"                    | •                        | •                        |                            |                            |
| 2"                        | •                        | •                        | •                          | •                          |
| 2-1/2" - 3"               | •                        | •                        | •                          | •                          |
| 4" - 6"                   | •                        | •                        | •                          | •                          |
| <b>TW &amp; LA SERIES</b> |                          |                          |                            |                            |
| 1/2"                      | •                        |                          |                            |                            |
| 3/4"                      | •                        |                          |                            |                            |
| 1"                        | •                        | •                        |                            |                            |
| 1-1/4"                    | •                        | •                        | •                          |                            |
| 1-1/2"                    | •                        | •                        | •                          |                            |
| 2"                        | •                        | •                        | •                          | •                          |
| 2-1/2" - 3"               | •                        | •                        | •                          | •                          |
| 4" - 6"                   | •                        | •                        | •                          | •                          |
| <b>BYV SERIES</b>         |                          |                          |                            |                            |
| 2"                        | •                        |                          |                            |                            |
| 3"                        |                          | •                        |                            |                            |
| 4"                        |                          |                          | •                          |                            |
| 6"                        |                          |                          |                            | •                          |

## ELECTRIC ACTUATORS – ECP SERIES OPTIONS & ACCESSORIES

Prices are for the option only; add the cost of the valve, actuator and any options together for the total list price.

| OPTIONS AND ACCESSORIES ADD TO PRICE OF ACTUATOR. |               |                           |
|---------------------------------------------------|---------------|---------------------------|
| Option                                            | Suffix<br>No. | ECP2 - ECP8<br>List Price |
| Digital Positioner Kit 0-20mA, 4-20mA or 0-10V    | PC            | \$461.60                  |
| BSR Battery Fail Safe Kit                         | BB            | \$541.30                  |

# ELECTRIC ACTUATORS – EPM SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



**EPM Series:** Heavy duty quarter-turn actuator for all applications. Standard 120 VAC, 2 auxiliary limit switches, heater and manual override. Powder coated aluminum alloy housing, NEMA 4/4X. Extended duty motor standard with all Proportional Control and 12/24VDC options.

| Model<br>List Price       | EPM2<br>\$667.75 | EPM3<br>\$674.50 | EPM4<br>\$1,234.25 | EPM6<br>\$1,639.20 | EPM8<br>\$1,885.00 | EPM11<br>\$1,916.45 | EPM13<br>\$2,381.70 | EPM22<br>\$2,482.95 | EPM35<br>\$2,835.15 | EPM130<br>\$5,639.70 |
|---------------------------|------------------|------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Torque lbs                | 135              | 300              | 445                | 600                | 800                | 1150                | 1300                | 2200                | 3500                | 13500                |
| <b>TB &amp; CV SERIES</b> |                  |                  |                    |                    |                    |                     |                     |                     |                     |                      |
| 1/2"                      | •                | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 3/4"                      | •                | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 1"                        | •                | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 1-1/4"                    | •                | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 1-1/2"                    | •                | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 2"                        | •                | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 2-1/2"                    |                  | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 3"                        |                  | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 4"                        |                  | •                | •                  | •                  | •                  |                     |                     |                     |                     |                      |
| 6"                        |                  | •                | •                  | •                  | •                  |                     |                     |                     |                     |                      |
| <b>TW &amp; LA SERIES</b> |                  |                  |                    |                    |                    |                     |                     |                     |                     |                      |
| 1/2"                      | •                | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 3/4"                      | •                | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 1"                        | •                | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 1-1/4"                    | •                | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 1-1/2"                    | •                | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 2"                        | •                | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 2-1/2"                    |                  | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 3"                        |                  | •                | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 4"                        |                  | •                | •                  | •                  | •                  |                     |                     |                     |                     |                      |
| 6"                        |                  | •                | •                  | •                  | •                  |                     |                     |                     |                     |                      |
| <b>BYV SERIES</b>         |                  |                  |                    |                    |                    |                     |                     |                     |                     |                      |
| 2"                        |                  | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 2-1/2"                    |                  | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 3"                        |                  | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 4"                        |                  |                  | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 6"                        |                  |                  |                    | •                  | •                  |                     |                     |                     |                     |                      |
| 8"                        |                  |                  |                    |                    |                    | •                   | •                   |                     |                     |                      |
| 10"                       |                  |                  |                    |                    |                    |                     |                     | •                   | •                   |                      |
| 12"                       |                  |                  |                    |                    |                    |                     |                     | •                   | •                   |                      |
| <b>BY SERIES</b>          |                  |                  |                    |                    |                    |                     |                     |                     |                     |                      |
| 2"                        |                  | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 3"                        |                  | •                | •                  |                    |                    |                     |                     |                     |                     |                      |
| 4"                        |                  |                  | •                  | •                  |                    |                     |                     |                     |                     |                      |
| 6"                        |                  |                  |                    | •                  | •                  |                     |                     |                     |                     |                      |
| 8"                        |                  |                  |                    |                    |                    | •                   | •                   |                     |                     |                      |
| 10"                       |                  |                  |                    |                    |                    |                     |                     | •                   | •                   |                      |
| 12"                       |                  |                  |                    |                    |                    |                     |                     | •                   | •                   |                      |
| <b>BYB SERIES</b>         |                  |                  |                    |                    |                    |                     |                     |                     |                     |                      |
| 14"                       |                  |                  |                    |                    |                    |                     |                     |                     |                     | •                    |
| 16"                       |                  |                  |                    |                    |                    |                     |                     |                     |                     | •                    |
| 18"                       |                  |                  |                    |                    |                    |                     |                     |                     |                     | •                    |
| 20"                       |                  |                  |                    |                    |                    |                     |                     |                     |                     | •                    |
| 24"                       |                  |                  |                    |                    |                    |                     |                     |                     |                     | •                    |

# ELECTRIC ACTUATORS – EPM SERIES OPTIONS & ACCESSORIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.

| OPTIONS AND ACCESSORIES (OPTIONS AVAILABLE WHERE PRICE IS SHOWN) ADD TO PRICE OF ACTUATOR. |            |                 |                 |                 |                 |                 |            |            |            |            |            |
|--------------------------------------------------------------------------------------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|------------|------------|------------|------------|
| Option                                                                                     | Suffix No. | EPM2 List Price | EPM3 List Price | EPM4 List Price | EPM6 List Price | EPM8 List Price | EPM11      | EPM13      | EPM22      | EPM35      | EPM130     |
| Voltage 12 VAC                                                                             | 12A        | \$148.40        | \$148.40        | \$148.40        | \$260.55        | \$260.55        | \$260.55   | \$517.10   | \$517.10   | \$517.10   | N/A        |
| Voltage 12 VDC                                                                             | 12D*       | \$148.40        | \$148.40        | \$148.40        | \$260.55        | \$260.55        | \$260.55   | \$517.10   | \$517.10   | \$517.10   | N/A        |
| Voltage 120 VAC                                                                            | 120        | STD             | STD             | STD             | STD             | STD             | STD        | STD        | STD        | STD        | STD        |
| Voltage 230 VAC                                                                            | 230        | OPT-NC          | OPT-NC          | OPT-NC          | OPT-NC          | OPT-NC          | OPT-NC     | OPT-NC     | OPT-NC     | OPT-NC     | OPT-NC     |
| Voltage 24 VAC                                                                             | 24A        | \$148.40        | \$148.40        | \$148.40        | \$260.55        | \$260.55        | \$260.55   | \$493.40   | \$493.40   | \$493.40   | \$493.40   |
| Voltage 24 VDC                                                                             | 24D*       | \$148.40        | \$148.40        | \$148.40        | \$260.55        | \$260.55        | \$260.55   | \$493.40   | \$493.40   | \$493.40   | \$493.40   |
| Cold Weather Package                                                                       | CWP        | N/A             | \$288.80        | \$288.80        | \$288.80        | \$288.80        | \$603.80   | \$603.80   | \$603.80   | \$603.80   | \$603.80   |
| 0-90°/180° or 0-45°/90°                                                                    | D          | N/A             | \$309.30        | \$309.30        | \$309.30        | \$309.30        | N/A        | N/A        | N/A        | N/A        | N/A        |
| 0-180° (EPM6 & higher ONLY)                                                                | D1         | N/A             | N/A             | N/A             | \$306.30        | \$306.30        | N/A        | N/A        | N/A        | N/A        | N/A        |
| Extended Duty Motor                                                                        | E*         | N/A             | \$226.85        | \$226.85        | \$226.85        | \$226.85        | \$226.85   | \$226.85   | \$226.85   | \$226.85   | \$226.85   |
| Feedback Potentiometer (1-5-10k Ohm Only)                                                  | F          | N/A             | \$195.90        | \$195.90        | \$195.90        | \$195.90        | \$195.90   | \$195.90   | \$195.90   | \$195.90   | \$195.90   |
| 4-20 mA Feedback Kit (120VAC ONLY)                                                         | F2         | N/A             | \$1,478.85      | \$1,478.85      | \$1,050.20      | \$1,050.20      | \$1,050.20 | \$1,050.20 | \$1,050.20 | \$1,050.20 | \$1,050.20 |
| Handwheel Manual Override                                                                  | M          | N/A             | N/A             | N/A             | STD             | STD             | STD        | STD        | STD        | STD        | STD        |
| Proportional Control -120/230 VAC                                                          | P*         | N/A             | \$1,442.55      | \$1,910.05      | \$1,442.60      | \$1,442.60      | \$1,533.35 | \$1,533.35 | \$1,566.65 | \$1,566.65 | \$1,566.65 |
| Proportional Control -12/24 VAC/VDC                                                        | P*         | N/A             | \$1,834.20      | \$2,041.75      | \$1,487.75      | \$1,487.75      | \$1,670.30 | \$1,670.30 | \$1,487.65 | \$1,487.65 | \$1,487.65 |
| Relay CLOSED kit                                                                           | RC         | N/A             | \$306.30        | \$306.30        | \$306.30        | \$306.30        | \$306.30   | \$306.30   | \$306.30   | \$306.30   | \$306.30   |
| Relay OPEN kit                                                                             | RO         | N/A             | \$306.30        | \$306.30        | \$306.30        | \$306.30        | \$306.30   | \$306.30   | \$306.30   | \$306.30   | \$306.30   |
| 2 Auxillary Limit Switches                                                                 | S2         | STD             | STD             | STD             | STD             | STD             | STD        | STD        | STD        | STD        | STD        |
| 5th & 6th Auxillary Limit Switch                                                           | S5         | N/A             | N/A             | N/A             | \$195.90        | \$195.90        | \$195.90   | \$195.90   | \$195.90   | \$195.90   | \$195.90   |
| Heater Only                                                                                | T          | STD             | STD             | STD             | STD             | STD             | STD        | STD        | STD        | STD        | STD        |
| Timer Kit                                                                                  | TK         | N/A             | \$971.40        | \$971.40        | \$542.65        | \$542.65        | \$542.65   | \$542.65   | \$542.65   | \$542.65   | \$542.65   |
| 316 Stainless Steel Tags                                                                   | YSS2       | \$47.35         | \$47.35         | \$47.35         | \$47.35         | \$47.35         | \$47.35    | \$47.35    | \$47.35    | \$47.35    | \$47.35    |

POA = Priced on Availability. Consult factory for pricing and availability.

N/A = Feature Not Applicable to actuator.

STD = Feature is Standard to actuator.

\* Extended Duty Motor standard with Proportional Control & 12/24 VDC. Proportional Control includes 4-20mA In/Out.

# ELECTRIC ACTUATORS – EPD SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



**EPD Series:** Heavy duty reversing spring return electric actuator for all applications. Maintenance-free standard unit (-2) has 2 internal limit switches – non-adjustable, field adjustable voltage ranging from 24V to 230V AC or DC, field adjustable speeds from 3 to 10 seconds and low power internal heater. Aluminum die cast housing, NEMA 4.

| Model<br>List Price       | EPD2-0<br>\$3,005.60 | EPD2-2<br>\$3,218.75 | EPD2-P0<br>\$3,438.85 | EPD3-0<br>\$3,108.65 | EPD3-2<br>\$3,328.85 | EPD3-P0<br>\$3,555.85 | EPD4-0<br>\$5,419.55 | EPD4-2<br>\$5,639.70 | EPD4-P0<br>\$6,306.80 | EPD5-0<br>\$5,605.30 | EPD5-2<br>\$5,832.20 | EPD5-P0<br>\$6,520.05 |
|---------------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|-----------------------|
| Torque lbs                | 90                   | 90                   | 90                    | 133                  | 133                  | 133                   | 266                  | 266                  | 266                   | 450                  | 450                  | 450                   |
| <b>TB &amp; CV SERIES</b> |                      |                      |                       |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1/2"                      | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 3/4"                      | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1"                        | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1-1/4"                    |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |
| 1-1/2"                    |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |
| 2"                        |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |
| 2-1/2"                    |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| 3"                        |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| 4"                        |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| 6"                        |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| <b>TW &amp; LA SERIES</b> |                      |                      |                       |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1/2"                      | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 3/4"                      | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1"                        | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1-1/4"                    |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |
| 1-1/2"                    |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |
| 2"                        |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |                      |                      |                       |
| 2-1/2"                    |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| 3"                        |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| 4"                        |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| 6"                        |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |                      |                      |                       |
| <b>BYV SERIES</b>         |                      |                      |                       |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1-1/2"                    |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| 2"                        |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| 2-1/2"                    |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| 3"                        |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| 4"                        |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| <b>BY SERIES</b>          |                      |                      |                       |                      |                      |                       |                      |                      |                       |                      |                      |                       |
| 1-1/2"                    |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| 2"                        |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| 3"                        |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |
| 4"                        |                      |                      |                       |                      |                      |                       |                      |                      |                       | •                    | •                    | •                     |

\* ISO5211 Mounting Kit included with any purchase of valve and EPD Series Actuator combined.

# ELECTRIC ACTUATORS – EPL & EPS SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



**EPL Series:** Heavy duty linear, non-spring return actuator for all applications. Four different output forces, standard 120 VAC, dual auxiliary limit switches, heater, manual override, and position indicator standard. Powder coated aluminum alloy housing, NEMA 4/4X. Standard unit is On/Off.

| Model List Price  | EPL550<br>\$2,954.20 | EPL1100<br>\$3,539.10 | EPL2200<br>\$7,428.40 | EPL4400<br>\$8,534.80 |
|-------------------|----------------------|-----------------------|-----------------------|-----------------------|
| <b>DAB SERIES</b> |                      |                       |                       |                       |
| 1/2"              | •                    |                       |                       |                       |
| 3/4"              | •                    |                       |                       |                       |
| 1"                | •                    |                       |                       |                       |
| 1-1/4"            | •                    |                       |                       |                       |
| 1-1/2"            | •                    | •                     |                       |                       |
| 2"                | •                    | •                     | •                     |                       |
| 2-1/2"            |                      | •                     | •                     | •                     |
| 3"                |                      |                       | •                     | •                     |
| 4"                |                      |                       | •                     | •                     |
| 6"                |                      |                       | •                     | •                     |
| 8"                |                      |                       | •                     | •                     |



**EPS Series:** Heavy duty rack and pinion spring-return actuator for all ball valves. Standard 120 VAC, 2 auxiliary limit switches, and heater. Powder coated aluminum alloy housing, NEMA 4/4X. Specify clockwise (CW) or counter-clockwise (CCW) movement.

| Model List Price          | EPS5<br>\$6,512.20 | EPS12<br>\$9,473.60 | EPS18<br>\$14,753.60 |
|---------------------------|--------------------|---------------------|----------------------|
| Torque lbs                | 450                | 1150                | 1750                 |
| <b>TB &amp; CV SERIES</b> |                    |                     |                      |
| 1/2"                      | •                  |                     |                      |
| 3/4"                      | •                  |                     |                      |
| 1"                        | •                  |                     |                      |
| 1-1/4"                    | •                  |                     |                      |
| 1-1/2"                    | •                  |                     |                      |
| 2"                        | •                  |                     |                      |
| 2-1/2"                    | •                  |                     |                      |
| 3"                        | •                  |                     |                      |
| 4"                        |                    | •                   |                      |
| 6"                        |                    | •                   |                      |
| <b>TW &amp; LA SERIES</b> |                    |                     |                      |
| 1/2"                      | •                  |                     |                      |
| 3/4"                      | •                  |                     |                      |
| 1"                        | •                  |                     |                      |
| 1-1/4"                    | •                  |                     |                      |
| 1-1/2"                    | •                  |                     |                      |
| 2"                        | •                  |                     |                      |
| 2-1/2"                    | •                  |                     |                      |
| 3"                        | •                  |                     |                      |
| 4"                        |                    | •                   |                      |
| 6"                        |                    | •                   |                      |
| <b>BYV SERIES</b>         |                    |                     |                      |
| 2"                        | •                  |                     |                      |
| 2-1/2"                    | •                  |                     |                      |
| 3"                        | •                  |                     |                      |
| 4"                        |                    | •                   |                      |
| 6"                        |                    |                     | •                    |
| <b>BY SERIES</b>          |                    |                     |                      |
| 2"                        | •                  |                     |                      |
| 3"                        | •                  |                     |                      |
| 4"                        |                    | •                   |                      |
| 6"                        |                    |                     | •                    |

# ELECTRIC ACTUATORS – EPD, EPL & EPS SERIES OPTIONS & ACCESSORIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.

| <b>EPD Options and Accessories Add to price of actuator</b> |                   |                   |
|-------------------------------------------------------------|-------------------|-------------------|
| <b>Option*</b>                                              | <b>Suffix No.</b> | <b>All Models</b> |
| Auxiliary Switch (External Mounting)                        | X                 | <b>\$1,345.95</b> |
| EMT Enclosure (EPD2/3)                                      | M23               | <b>\$231.95</b>   |
| EMT Enclosure (EPD4/5)                                      | M45               | <b>\$296.80</b>   |
| Manual (Handwheel) Override (EPD2/3)                        | V23               | <b>\$659.95</b>   |
| Manual (Handwheel) Override (EPD4/5)                        | V45               | <b>\$793.60</b>   |

\*ISO5211 Mounting Kit included  
with any purchase of valve and  
EPD Series Actuator combined.

| <b>EPL Options and Accessories Add to price of actuator</b> |                   |                   |
|-------------------------------------------------------------|-------------------|-------------------|
| <b>Option</b>                                               | <b>Suffix No.</b> | <b>All Models</b> |
| Proportional Control*                                       | P                 | <b>\$1,738.25</b> |

N/A = Feature Not Applicable to actuator.  
STD = Feature is Standard on actuator.  
\* Extended duty motor standard.

| <b>EPS Options and Accessories (Options available where price is shown) Add to price of actuator.</b> |                   |                        |                         |                         |
|-------------------------------------------------------------------------------------------------------|-------------------|------------------------|-------------------------|-------------------------|
| <b>Option</b>                                                                                         | <b>Suffix No.</b> | <b>EPS5 List Price</b> | <b>EPS12 List Price</b> | <b>EPS18 List Price</b> |
| Voltage 12 VAC                                                                                        | 12A               | <b>\$257.95</b>        | <b>\$257.95</b>         | <b>\$257.95</b>         |
| Voltage 12 VDC                                                                                        | 12D*              | <b>\$257.95</b>        | <b>\$257.95</b>         | N/A                     |
| Voltage 120 VAC                                                                                       | 120               | STD                    | STD                     | STD                     |
| Voltage 230 VAC                                                                                       | 230               | <b>\$257.95</b>        | <b>\$257.95</b>         | <b>\$257.95</b>         |
| Voltage 24 VAC                                                                                        | 24A               | <b>\$257.95</b>        | <b>\$257.95</b>         | STD                     |
| Voltage 24 VDC                                                                                        | 24D*              | <b>\$257.95</b>        | <b>\$257.95</b>         | <b>\$257.95</b>         |
| Cold Weather Package                                                                                  | CWP               | <b>\$603.80</b>        | <b>\$603.80</b>         | <b>\$603.80</b>         |
| Extended Duty Motor                                                                                   | E*                | STD                    | STD                     | STD                     |
| Feedback Potentiometer (1-5-10K Ohm Only)                                                             | F                 | N/A                    | N/A                     | N/A                     |
| 4-20 mA Feedback Kit (120VAC ONLY)                                                                    | F2                | N/A                    | N/A                     | N/A                     |
| Brake                                                                                                 | K                 | STD                    | STD                     | STD                     |
| Handwheel Manual Override                                                                             | M                 | <b>\$1,098.30</b>      | <b>\$1,807.60</b>       | <b>\$0.00</b>           |
| Proportional Control -120/230 VAC                                                                     | P*                | <b>\$1,205.20</b>      | <b>\$1,205.20</b>       | <b>\$1,205.20</b>       |
| Proportional Control -12/24 VAC/VDC                                                                   | P*                | N/A                    | N/A                     | N/A                     |
| Relay CLOSED kit                                                                                      | RC                | N/A                    | N/A                     | N/A                     |
| Relay OPEN kit                                                                                        | RO                | N/A                    | N/A                     | N/A                     |
| 2 Auxiliary Limit Switches^                                                                           | S2                | STD                    | STD                     | STD                     |
| 5th & 6th Auxiliary Limit Switch                                                                      | S5                | <b>\$293.95</b>        | <b>\$293.95</b>         | <b>\$293.95</b>         |
| Heater Only                                                                                           | T                 | N/A                    | STD                     | STD                     |
| Timer Kit                                                                                             | TK                | N/A                    | N/A                     | N/A                     |
| Proportional V-Card (120VAC & 24VAC/VDC)                                                              | V                 | N/A                    | N/A                     | N/A                     |
| 316 Stainless Steel Tags                                                                              | YSS2              | <b>\$47.35</b>         | <b>\$47.35</b>          | <b>\$47.35</b>          |

N/A = Feature Not Applicable to actuator.  
STD = Feature is Standard to actuator.  
\* Extended Duty Motor standard with Proportional Control & 12/24 VDC. Proportional Control includes 4-20mA In/Out.  
\*\* Manual Override via Hex Drive is STD.

# EBU BATTERY BACKUP FOR ELECTRIC ACTUATORS



- Designed for the harshest of chemical and industrial environments.
- NEMA 4X fiberglass enclosure with locking hinged clear polycarbonate access door.
- Easy integration to virtually all electrical supply sysems.
- Supports OPEN/CLOSE or PROPORTIONAL/MODULATING control.
- Indicator lights for position, selection, manual override, system status and alarm.
- Unit provides isolated power interface for total control system protection.
- Manual override control switch.
- Contact factory for multiple actuator battery backup solutions.

| Actuator Model        | Battery Backup Model No.** | List Price        |
|-----------------------|----------------------------|-------------------|
| EPM2-120 - EPM13-120  | EBU100-120-4               | <b>\$2,872.30</b> |
| EPM22-120 - EPM35-120 | EBU102-120-4               | <b>\$3,282.60</b> |
| EPM130-120            | EBU104-120-4               | <b>\$3,795.40</b> |

\* For EPL models, consult factory.

\*\* 230VAC and 24VAC are available.

| Actuator Model        | Battery Backup Model No.** | List Price        |
|-----------------------|----------------------------|-------------------|
| EPM2-120 - EPM13-120  | EBU600-120P-4              | <b>\$2,928.10</b> |
| EPM22-120 - EPM35-120 | EBU602-120P-4              | <b>\$3,346.35</b> |
| EPM130-120(P)         | EBU604-120P-4              | <b>\$3,869.10</b> |

## LOCAL CONTROL STATIONS FOR ELECTRIC ACTUATORS



KIT-LCS-LB-120 shown

### LOCAL CONTROL STATIONS OFFERED FOR ENTIRE LINE OF EPM, EPL AND EPS ACTUATORS.

- Available in five different configurations to meet your application requirements
- Provide emergency operation of electric actuators.
- NEMA 4X rated epoxy coated steel enclosure standard.
- Optional fiberglass and stainless steel enclosures available.
- Various indicator light configurations available.
- Actuator position contacts available for remote monitoring.
- Provide dry contact status for control status monitoring.
- Allowing for direct mounting on actuator or remote wall/panel mount – specify when ordered.
- Support 120VAC, 24VAC, 12VAC, 24VDC or 12VDC systems - see table below.
- **Custom configurations available – contact factory.**

| FOR OPEN/CLOSE CONTROL APPLICATIONS |                                                                                                                                                      |                 |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Part No.                            | Description                                                                                                                                          | List Price      |
| KIT-LCS-LA-120                      | Basic control, remote/off/local switch, open/stop/close switch, no lights, no additional terminals<br>EPM3 thru EPM130                               | <b>\$458.95</b> |
| KIT-LCS-LA-24A or 12A               |                                                                                                                                                      | <b>\$458.95</b> |
| KIT-LCS-LA-24D or 12D               |                                                                                                                                                      | <b>\$458.95</b> |
| KIT-LCS-LB-120                      | Remote/off/local switch, open/stop/close switch, open/close lights, HOT EOT outputs<br>EPM3 thru EPM130                                              | <b>\$678.55</b> |
| KIT-LCS-LB-24A or 12A               |                                                                                                                                                      | <b>\$678.55</b> |
| KIT-LCS-LB-24D or 12D               |                                                                                                                                                      | <b>\$678.55</b> |
| KIT-LCS-LC-120                      | Remote/off/local switch, open/stop/close switch, open/close lights, HOT EOT outputs, Dry contact output for mode switch position<br>EPM3 thru EPM130 | <b>\$831.60</b> |
| KIT-LCS-LC-24A or 12A               |                                                                                                                                                      | <b>\$831.60</b> |
| KIT-LCS-LC-24D or 12D               |                                                                                                                                                      | <b>\$831.60</b> |

| FOR PROPORTIONAL/MODULATING CONTROL APPLICATIONS |                                                                                                                                                                                                                                                                                                                                                                                           |                 |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Part No.                                         | Description                                                                                                                                                                                                                                                                                                                                                                               | List Price      |
| KIT-LCS-LF                                       | Remote/off/local switch, open/close switch, open/close/power lights, has feedback terminals. Generates 4 OR 20 mA signal TO actuator (WILL ALLOW OPEN or CLOSED OPERATION ONLY), specify 4-20mA or 2-10vdc control & feedback. Dry contact output for mode switch position. HOT EOT outputs (EPM proportional only).                                                                      | <b>\$887.80</b> |
| KIT-LCS-LG                                       | Remote/off/local switch, open/close switch, open/close/power lights, has feedback terminals. Generates 4 OR 20 mA signal TO actuator (WILL ALLOW OPEN or CLOSED OPERATION ONLY), CUSTOMER TO SPECIFY 4-20mA or 2-10vdc control. Dry contact output for mode switch position. HOT EOT outputs (PA/O). End switch form C contacts (requires option -S5), EPM6 and larger proportional only. | <b>POA</b>      |

\* For actuators with proportional control ("P" at the end of the actuator part number), add a "P" at the end of the KIT number.  
 For 230 VAC applications, consult factory.  
 For EPS and EPL models, consult factory.  
 For 3 phase packages, consult factory.

# PNEUMATIC ACTUATORS – PCD/S & PMD/S SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



**PCD/S Series:** Best choice for heavy duty applications. Compact with 3 rack and pinion design. ISO5211 mounting base. Namur solenoid mount. Manual override.



**PMD/S Series:** Rack and pinion design with corrosion resistant plastic housing for harsh environmental condition applications. Light duty applications.



**PMD4/PMS4 Series:** Lightweight Double Acting or Spring Return rack and pinion design with Glass Filled Polypropylene housing. Ideal for very corrosive applications and environments.

All actuator sizing  
based on 80 PSI air.

| Model<br>List Price       | PCD15<br>\$397.25 | PCS15<br>\$441.50 | PCD20<br>\$544.35 | PCS20<br>\$569.25 | PCD25<br>\$732.10 | PCS25<br>\$844.75 | PCD30<br>\$936.70 | PCS30<br>\$1,028.35 |
|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Torque lbs                | 172               | 61                | 311               | 109               | 639               | 217               | 1052              | 345                 |
| <b>TB &amp; CV SERIES</b> |                   |                   |                   |                   |                   |                   |                   |                     |
| 1/2"                      | •                 | •                 |                   |                   |                   |                   |                   |                     |
| 3/4"                      | •                 | •                 |                   |                   |                   |                   |                   |                     |
| 1"                        | •                 | •                 |                   |                   |                   |                   |                   |                     |
| 1-1/4"                    | •                 | •                 |                   | •                 |                   |                   |                   |                     |
| 1-1/2"                    | •                 | •                 |                   | •                 |                   |                   |                   |                     |
| 2"                        | •                 |                   |                   | •                 |                   |                   |                   |                     |
| 2-1/2"                    |                   |                   | •                 |                   |                   | •                 |                   |                     |
| 3"                        |                   |                   | •                 |                   |                   | •                 |                   |                     |
| 4"                        |                   |                   | •                 |                   |                   | •                 |                   |                     |
| 6"                        |                   |                   | •                 |                   |                   | •                 |                   |                     |
| <b>TW &amp; LA SERIES</b> |                   |                   |                   |                   |                   |                   |                   |                     |
| 1/2"                      | •                 | •                 |                   |                   |                   |                   |                   |                     |
| 3/4"                      | •                 | •                 |                   |                   |                   |                   |                   |                     |
| 1"                        | •                 | •                 |                   |                   |                   |                   |                   |                     |
| 1-1/4"                    | •                 |                   |                   | •                 |                   |                   |                   |                     |
| 1-1/2"                    | •                 |                   |                   | •                 |                   |                   |                   |                     |
| 2"                        | •                 |                   |                   | •                 |                   |                   |                   |                     |
| 2-1/2"                    |                   |                   | •                 |                   |                   | •                 |                   |                     |
| 3"                        |                   |                   | •                 |                   |                   | •                 |                   | •*                  |
| 4"                        |                   |                   | •                 |                   |                   |                   |                   | •                   |
| 6"                        |                   |                   | •                 |                   |                   |                   |                   | •                   |
| <b>BYV SERIES</b>         |                   |                   |                   |                   |                   |                   |                   |                     |
| 2"                        |                   |                   | •                 |                   |                   | •                 |                   |                     |
| 2-1/2"                    |                   |                   | •                 |                   |                   | •                 |                   |                     |
| 3"                        |                   |                   | •                 |                   |                   | •                 |                   |                     |
| 4"                        |                   |                   |                   |                   | •                 |                   |                   | •                   |
| 6"                        |                   |                   |                   |                   | •                 |                   |                   |                     |
| <b>BY SERIES</b>          |                   |                   |                   |                   |                   |                   |                   |                     |
| 2"                        |                   |                   | •                 |                   |                   | •                 | •                 | •                   |
| 3"                        |                   |                   | •                 |                   |                   | •                 | •                 | •                   |
| 4"                        |                   |                   |                   |                   | •                 |                   |                   | •                   |
| 6"                        |                   |                   |                   |                   | •                 |                   |                   |                     |

\* Use PCS30 for 3" LA Series.

# PNEUMATIC ACTUATORS – PCD/S & PMD/S SERIES (cont.)

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.

| Model List Price  | PCD35<br>\$1,102.75 | PCS35<br>\$1,353.90 | PCD45<br>\$1,936.10 | PCS45<br>\$2,152.90 | PCD60<br>\$3,474.45 | PCS60<br>\$3,375.65 | PCD75<br>\$4,327.40 |
|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Torque lbs        | 1848                | 607                 | 3622                | 1218                | 8585                | 2857                | 15856               |
| <b>BYV SERIES</b> |                     |                     |                     |                     |                     |                     |                     |
| 6"                |                     | •                   |                     |                     |                     |                     |                     |
| 8"                | •                   |                     |                     | •                   |                     |                     |                     |
| 10"               |                     |                     | •                   |                     |                     | •                   |                     |
| 12"               |                     |                     | •                   |                     |                     | •                   |                     |
| <b>BY SERIES</b>  |                     |                     |                     |                     |                     |                     |                     |
| 4"                | •                   | •                   |                     |                     |                     |                     |                     |
| 6"                | •                   | •                   |                     |                     |                     |                     |                     |
| 8"                | •                   |                     |                     | •                   |                     |                     |                     |
| 10"               |                     |                     | •                   |                     |                     | •                   |                     |
| 12"               |                     |                     | •                   |                     |                     | •                   |                     |
| <b>BYB SERIES</b> |                     |                     |                     |                     |                     |                     |                     |
| 14"               |                     |                     |                     |                     | •                   |                     |                     |
| 16"               |                     |                     |                     |                     | •                   |                     |                     |
| 18"               |                     |                     |                     |                     |                     |                     | •                   |
| 20"               |                     |                     |                     |                     |                     |                     | •                   |
| 24"               |                     |                     |                     |                     |                     |                     | •                   |

| Model List Price          | PMD10<br>\$243.05 | PMS15<br>\$281.40 | PMD410<br>\$253.70 | PMS410<br>\$293.70 | PMD415<br>\$262.25 | PMS415<br>\$310.50 | PMD419<br>\$406.95 | PMS419<br>\$469.35 | PMS420<br>\$491.50 |
|---------------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Torque lbs                | 125               | 107               | 125                | 44                 | 275                | 107                | 500                | 184                | 230                |
| <b>TB &amp; CV SERIES</b> |                   |                   |                    |                    |                    |                    |                    |                    |                    |
| 1/2"                      | •                 | •                 | •                  |                    |                    | •                  |                    |                    |                    |
| 3/4"                      | •                 | •                 | •                  |                    |                    | •                  |                    |                    |                    |
| 1"                        | •                 | •                 | •                  |                    |                    | •                  |                    |                    |                    |
| 1-1/4"                    | •                 | •                 |                    |                    | •                  | •                  |                    |                    |                    |
| 1-1/2"                    | •                 | •                 |                    |                    | •                  | •                  |                    |                    |                    |
| 2"                        | •                 | •                 |                    |                    | •                  | •                  |                    |                    |                    |
| 2-1/2"                    |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 3"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 4"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 6"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| <b>TW &amp; LA SERIES</b> |                   |                   |                    |                    |                    |                    |                    |                    |                    |
| 1/2"                      | •                 | •                 | •                  |                    |                    | •                  |                    |                    |                    |
| 3/4"                      | •                 | •                 | •                  |                    |                    | •                  |                    |                    |                    |
| 1"                        | •                 | •                 | •                  |                    |                    | •                  |                    |                    |                    |
| 1-1/4"                    | •                 | •                 |                    |                    | •                  | •                  |                    |                    |                    |
| 1-1/2"                    | •                 | •                 |                    |                    | •                  | •                  |                    |                    |                    |
| 2"                        | •                 | •                 |                    |                    | •                  |                    |                    | •                  |                    |
| 2-1/2"                    |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 3"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 4"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 6"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| <b>BYV SERIES</b>         |                   |                   |                    |                    |                    |                    |                    |                    |                    |
| 2"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 2-1/2"                    |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 3"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 4"                        |                   |                   |                    |                    |                    |                    | •                  |                    |                    |
| <b>BY SERIES</b>          |                   |                   |                    |                    |                    |                    |                    |                    |                    |
| 2"                        |                   |                   |                    |                    | •                  |                    | •                  |                    | •                  |
| 3"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |
| 4"                        |                   |                   |                    |                    |                    |                    | •                  |                    | •                  |

# PNEUMATIC ACTUATORS – PCD/S & PMD/S SERIES OPTIONS & ACCESSORIES

| Options and Accessories <i>Add to price of actuator</i> |                                                                                    |          |                               |                     |
|---------------------------------------------------------|------------------------------------------------------------------------------------|----------|-------------------------------|---------------------|
|                                                         | Option                                                                             | Suffix # | PMD/S & PMD4/S4<br>List Price | PCD/S<br>List Price |
| <b>VOLTAGE<br/>OPTIONS</b>                              | Voltage 12 VDC                                                                     | 12D      | \$35.70                       | \$35.70             |
|                                                         | Voltage 24 VAC                                                                     | 24A      | \$35.70                       | \$35.70             |
|                                                         | Voltage 24 VDC                                                                     | 24D      | \$35.70                       | \$35.70             |
|                                                         | Voltage 220 VAC                                                                    | 220A     | \$35.70                       | \$35.70             |
|                                                         | Voltage 240 VAC                                                                    | 240A     | \$35.70                       | \$35.70             |
| <b>SOLENOID<br/>VALVES*</b>                             | Valve, 4-Way, NEMA 4, 115VAC<br>(PMD10, PCD15, 20, 30, 35, 45, 60, 75, PKD5, 7, 9) | A8       | \$250.15                      | \$250.15            |
|                                                         | Valve, 3-Way, NEMA 4, 115VAC<br>(PMS15, PCS15, 20, 25, 30, 35, 45, 60)             | A9       | \$250.15                      | \$250.15            |
|                                                         | 4-Way, NEMA 7 (PCD15, 20, 25, 30, 35, 45, 60, 75)                                  | AA8      | \$370.30                      | \$370.30            |
|                                                         | 3-Way, NEMA 7 (PCD15, 20, 25, PCS25, 30, 35, 45, 60)                               | AA9      | \$370.30                      | \$370.30            |
|                                                         | Air Filter/Regulator                                                               | A10      | \$147.70                      | \$147.70            |
| <b>POSITIONERS</b>                                      | Pneumatic Positioner 3-15 PSI Input                                                | C**      | \$1,639.60                    | \$1,639.60          |
|                                                         | Electro/Pneumatic Positioner 4-20 mA Input                                         | C2**     | \$2,397.45                    | \$2,397.45          |
|                                                         | Optional Beacon Positioner Indicator                                               | R2       | \$118.50                      | \$118.50            |
|                                                         | Optional Position Transmitter 4-20 mA Output                                       | R5       | \$1,282.15                    | \$1,282.15          |
| <b>LIMIT<br/>SWITCHES</b>                               | 2 SPDT Switches, Flat Cover, NEMA 4X, 10 Amps                                      | S2       | \$422.85                      | \$422.85            |
|                                                         | 2 SPDT Switches, Beacon, NEMA 4X, 10 Amps                                          | S4       | \$483.00                      | \$483.00            |
|                                                         | 2 SPDT Switches, Flat Cover, NEMA 4 & 7, 10 Amps                                   | SA2      | \$607.40                      | \$607.40            |
|                                                         | 2 SPDT Switches, Beacon, NEMA 4 & 7, 10 Amps                                       | SA4      | \$682.40                      | \$682.40            |
| <b>MISC.</b>                                            | Speed Control (Air / Spring)                                                       | T3       | \$60.25                       | \$60.25             |
|                                                         | Speed Control (Air / Air)                                                          | T4       | \$118.50                      | \$118.50            |
|                                                         | 316 Stainless Steel Tags                                                           | YSS2     | \$47.35                       | \$47.35             |

POA = Priced on Availability. Consult factory for pricing and availability.

\* CSA listed Solenoid Valves available – consult factory.

\*\* Must order a C or C2 option in order to add the R2 or R5 option.



## PNEUMATIC ACTUATORS FOR DIAPHRAGM VALVES

Actuators are Air to Spring, normally closed, or Air to Air. Prices include Actuator and mounting kit only. Valve cost is separate line item.

| Air to Spring Actuation |          |            |
|-------------------------|----------|------------|
| Size                    | Part No. | List Price |
| 1/2"                    | PSA005   | \$581.80   |
| 3/4"                    | PSA007   | \$610.40   |
| 1"                      | PSA010   | \$703.10   |
| 1-1/4"                  | PSA012   | \$914.70   |
| 1-1/2"                  | PSA015   | \$914.70   |
| 2"                      | PSA020   | \$1,265.35 |
| 2-1/2"                  | PSA025   | \$1,430.80 |
| 3"                      | PSA030   | \$1,519.40 |
| 4"                      | PSA040   | \$1,798.75 |

| Air to Air Actuation |          |            |
|----------------------|----------|------------|
| Size                 | Part No. | List Price |
| 1/2"                 | PDA005   | \$439.00   |
| 3/4"                 | PDA007   | \$460.60   |
| 1"                   | PDA010   | \$530.55   |
| 1-1/4"               | PDA012   | \$690.25   |
| 1-1/2"               | PDA015   | \$690.25   |
| 2"                   | PDA020   | \$954.80   |
| 2-1/2"               | PDA025   | \$1,079.80 |
| 3"                   | PDA030   | \$1,146.50 |
| 4"                   | PDA040   | \$1,357.25 |

| Pneumatic Options         |                     |            |
|---------------------------|---------------------|------------|
| Item                      | Suffix              | List Price |
| Limit Switch - Mechanical | S2 (1/2" - 1" Only) | \$741.70   |
| Max Stroke Limiter        | L1                  | STD        |
| Solenoid Valve            | A8 (A/A)            | \$536.25   |
| Solenoid Valve            | A9 (A/S)            | \$536.25   |

| PVDF Vapor Barrier Adder - Suffix A |            |      |            |
|-------------------------------------|------------|------|------------|
| Size                                | List Price | Size | List Price |
| 1/2"                                | \$37.80    | 3"   | \$240.35   |
| 3/4"                                | \$43.10    | 4"   | \$342.45   |
| 1"                                  | \$62.85    | 5"   | \$570.90   |
| 1-1/4" - 1-1/2"                     | \$93.30    | 6"   | \$873.35   |
| 2"                                  | \$117.60   | 8"   | N/A        |
| 2-1/2"                              | \$189.65   | 10"  | N/A        |

N/A = Feature Not Applicable.

# REPLACEMENT PARTS PRICE LIST FOR SOLENOID VALVES

## NO-PRESSURE DIFFERENTIAL (NPD) DESIGN\*

| Size        | PVC<br>Cartridge &<br>Seal Kit<br>FPM | PVC<br>Cartridge &<br>Seal Kit<br>EPDM | CPVC<br>Cartridge &<br>Seal Kit<br>FPM | CPVC<br>Cartridge &<br>Seal Kit<br>EPDM | Bonnet<br>Nut      | Coil 120 VOLT<br>Bonnet,<br>Nut & Clip | Coil 220 VOLT<br>Bonnet,<br>Nut & Clip | Coil 12 VAC<br>or 12 VDC,<br>Bonnet,<br>Nut & Clip | Coil 24 VAC<br>or 24 VDC,<br>Bonnet,<br>Nut & Clip |
|-------------|---------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------------|--------------------|----------------------------------------|----------------------------------------|----------------------------------------------------|----------------------------------------------------|
| 1/4" - 1/2" | SVX1VCART<br>\$189.65                 | SVX1ECART<br>\$179.15                  | SVX2VCART<br>\$189.65                  | SVX2ECART<br>\$202.60                   | SVX452B<br>\$44.80 | SVX5BCOIL120A<br>\$354.00              | SVX5BCOIL220A<br>\$577.65              | SVX5BCOIL12A/D<br>\$577.65                         | SVX5BCOIL24A/D<br>\$577.65                         |
| 3/4" - 1"   | SVX17VCART<br>\$209.10                | SVX17ECART<br>\$200.45                 | SVX27VCART<br>\$209.10                 | SVX27ECART<br>\$200.45                  | SVX472B<br>\$57.65 | SVX1BCOIL120A<br>\$366.70              | SVX1BCOIL220A<br>\$590.60              | SVX1BCOIL12A/D<br>\$590.60                         | SVX1BCOIL24A/D<br>\$590.60                         |

\* When replacing cartridge of valve requiring differential pressure, it is also necessary to replace coil.

## MOUNTING KITS, COUPLINGS & ACCESSORIES FOR AUTOMATED VALVES

| COUPLINGS                                                                                                   | List Price      |
|-------------------------------------------------------------------------------------------------------------|-----------------|
| For True Union and Three-Way Ball Valves, Sizes 1/4" - 2"<br>Specify Valve Size and Actuator Model Number   | \$57.45 each    |
| For True Union and Three-Way Ball Valves, Sizes 2-1/2" - 6"<br>Specify Valve Size and Actuator Model Number | \$70.25 each    |
| For Butterfly Valves, Sizes 1-1/2" - 8"<br>Specify Valve Size and Actuator Model Number                     | \$102.80 each   |
| For Butterfly Valves, Sizes 10" - 12"<br>Specify Valve Size and Actuator Model Number                       | POA             |
| MOUNTING KITS (Coupling, Bracket & Hardware)*                                                               | List Price      |
| For True Union and Three-Way Ball Valves, Sizes 1/4" - 2"<br>Specify Valve Size and Actuator Model Number   | \$129.90 each   |
| For True Union and Three-Way Ball Valves, Sizes 2-1/2" - 6"<br>Specify Valve Size and Actuator Model Number | \$179.65 each   |
| For Butterfly Valves, Sizes 1-1/2" - 8"<br>Specify Valve Size and Actuator Model Number                     | \$224.90 each   |
| For Butterfly Valves, Sizes 10" - 12"<br>Specify Valve Size and Actuator Model Number                       | POA             |
| QUICK DISCONNECT FITTINGS FOR POLY TUBING                                                                   | List Price      |
| Specify NPT Size 10-32SPT • 1/8" NPT • 1/4" NPT<br>and Outside Diameter of Poly Tubing                      | \$16.50 each    |
| POLY TUBING                                                                                                 | List Price      |
| Specify Outside Diameter - 5/32" or 1/4" and Length<br>Required                                             | \$3.05 per foot |

\* Consult Hayward for LA Series Lateral 3-Way valve kits & couplings.  
POA = Priced on Availability. Consult factory for pricing and availability.

# HAYWARD FLOW CONTROL AUTOMATED VALVE QUESTIONNAIRE

## Valve Type

- ☐ Ball Valve
- ☐ Butterfly Valve
- ☐ Diaphragm Valve
- ☐ Three-Way Valve, Ball Configuration (NT, TW or TP)
- ☐ Lateral Three-Way Valve, Ball Configuration (NT or 90)

## Valve Material

- ☐ PVC ☐ PVDF (DAB only)
- ☐ CPVC
- ☐ GFPP or PP

## O-Ring Material

- ☐ EPDM ☐ NITRILE (BYV only)
- ☐ FPM

## Connection

- ☐ Socket (ball valves)
- ☐ Threaded (ball valves)
- ☐ Flanged
- ☐ Threaded Lugged (BYV & BY valves only)

## Valve Size

## Disc Material (BYV, BY & BYB valves only)

- ☐ PVC
- ☐ CPVC
- ☐ GFPP or PP

## Diaphragm Material (DAB valves only)

- ☐ EPDM
- ☐ FPM
- ☐ PTFE

## Valve Operation

- ☐ On/Off
- ☐ Throttling (modulating, 4-20 mA)

## Installation

- ☐ Indoors
- ☐ Outdoors - (for outdoors, use electric actuator with heater)

## Electric Actuator

Voltage  AC or DC

- Options
- ☐ Timer Board
  - ☐ Cycle Time Regulator
  - ☐ Positioner (4-20 mA)
  - ☐ Feedback Potentiometer
  - ☐ Handwheel
  - ☐ Battery Backup
  - ☐ Auxiliary Limit Switches
  - ☐ Heater/Thermostat
  - ☐ Explosion-Proof Housing
  - ☐ I.D. Tag

## Pneumatic Actuator (80 PSI)

- Double Acting ☐
- Spring Return ☐

- Options
- ☐ Solenoid (AC or DC)
  - ☐ Air Filter/Regulator
  - ☐ Positioner (4-20 mA)
  - ☐ Auxiliary Limit Switches
  - ☐ I.D. Tag



## DAB SERIES DIAPHRAGM VALVES – TRUE UNION

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.

### PVC - FPM Diaphragm - FPM Seals

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd   | DAB1005UFF | \$155.80   | 1-1/4" | Skt/Thd   | DAB1012UFF | \$334.80   |
| 3/4" | Skt/Thd   | DAB1007UFF | \$174.90   | 1-1/2" | Skt/Thd   | DAB1015UFF | \$334.80   |
| 1"   | Skt/Thd   | DAB1010UFF | \$218.65   | 2"     | Skt/Thd   | DAB1020UFF | \$396.70   |

### PVC - EPDM Diaphragm\* - EPDM Seals

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd   | DAB1005UEE | \$123.90   | 1-1/4" | Skt/Thd   | DAB1012UEE | \$268.75   |
| 3/4" | Skt/Thd   | DAB1007UEE | \$140.75   | 1-1/2" | Skt/Thd   | DAB1015UEE | \$268.75   |
| 1"   | Skt/Thd   | DAB1010UEE | \$174.90   | 2"     | Skt/Thd   | DAB1020UEE | \$317.65   |

### PVC - PTFE Diaphragm\* - FPM Seals

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd   | DAB1005UPF | \$236.80   | 1-1/4" | Skt/Thd   | DAB1012UPF | \$497.05   |
| 3/4" | Skt/Thd   | DAB1007UPF | \$251.50   | 1-1/2" | Skt/Thd   | DAB1015UPF | \$514.70   |
| 1"   | Skt/Thd   | DAB1010UPF | \$341.20   | 2"     | Skt/Thd   | DAB1020UPF | \$611.10   |

### CPVC - FPM Diaphragm - FPM Seals

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd   | DAB2005UFF | \$304.35   | 1-1/4" | Skt/Thd   | DAB2012UFF | \$585.10   |
| 3/4" | Skt/Thd   | DAB2007UFF | \$328.25   | 1-1/2" | Skt/Thd   | DAB2015UFF | \$585.10   |
| 1"   | Skt/Thd   | DAB2010UFF | \$404.40   | 2"     | Skt/Thd   | DAB2020UFF | \$635.60   |

### CPVC - EPDM Diaphragm\* - EPDM Seals

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd   | DAB2005UEE | \$233.10   | 1-1/4" | Skt/Thd   | DAB2012UEE | \$496.00   |
| 3/4" | Skt/Thd   | DAB2007UEE | \$280.55   | 1-1/2" | Skt/Thd   | DAB2015UEE | \$496.00   |
| 1"   | Skt/Thd   | DAB2010UEE | \$308.95   | 2"     | Skt/Thd   | DAB2020UEE | \$572.00   |

### CPVC - PTFE Diaphragm\* - FPM Seals

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd   | DAB2005UPF | \$346.00   | 1-1/4" | Skt/Thd   | DAB2012UPF | \$694.45   |
| 3/4" | Skt/Thd   | DAB2007UPF | \$368.05   | 1-1/2" | Skt/Thd   | DAB2015UPF | \$700.50   |
| 1"   | Skt/Thd   | DAB2010UPF | \$440.95   | 2"     | Skt/Thd   | DAB2020UPF | \$727.25   |

### PP - FPM Diaphragm - FPM Seals - Threaded Ends

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Thd       | DAB3005UFF | \$160.45   | 1-1/4" | Thd       | DAB3012UFF | \$344.65   |
| 3/4" | Thd       | DAB3007UFF | \$180.10   | 1-1/2" | Thd       | DAB3015UFF | \$344.65   |
| 1"   | Thd       | DAB3010UFF | \$225.10   | 2"     | Thd       | DAB3020UFF | \$408.40   |

\* All EPDM and PTFE diaphragms are available with a PVDF vapor barrier, use Suffix A. See page 76 for adder.



## DAB SERIES DIAPHRAGM VALVES – TRUE UNION (cont.)

*All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.*

### PP - EPDM Diaphragm\* - EPDM Seals - Threaded Ends

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Thd       | DAB3005UEE | \$127.55   | 1-1/4" | Thd       | DAB3012UEE | \$276.60   |
| 3/4" | Thd       | DAB3007UEE | \$144.90   | 1-1/2" | Thd       | DAB3015UEE | \$276.60   |
| 1"   | Thd       | DAB3010UEE | \$180.10   | 2"     | Thd       | DAB3020UEE | \$327.05   |

### PP - PTFE Diaphragm\* - FPM Seals - Threaded Ends

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Thd       | DAB3005UPF | \$231.75   | 1-1/4" | Thd       | DAB3012UPF | \$484.65   |
| 3/4" | Thd       | DAB3007UPF | \$240.95   | 1-1/2" | Thd       | DAB3015UPF | \$514.70   |
| 1"   | Thd       | DAB3010UPF | \$352.15   | 2"     | Thd       | DAB3020UPF | \$587.05   |

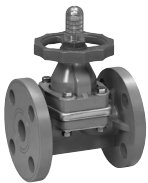
### PVDF - PTFE Diaphragm\* - FPM Seals - Threaded Ends

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Thd       | DAB5005UPF | \$429.70   | 1-1/4" | Thd       | DAB5012UPF | \$1,062.40 |
| 3/4" | Thd       | DAB5007UPF | \$491.15   | 1-1/2" | Thd       | DAB5015UPF | \$1,062.40 |
| 1"   | Thd       | DAB5010UPF | \$717.10   | 2"     | Thd       | DAB5020UPF | \$1,340.60 |

### PVDF/PP - PTFE Diaphragm\* - FPM Seals - Threaded Ends

| SIZE | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Thd       | DAB6005UPF | \$358.45   | 1-1/4" | Thd       | DAB6012UPF | \$846.75   |
| 3/4" | Thd       | DAB6007UPF | \$411.85   | 1-1/2" | Thd       | DAB6015UPF | \$846.75   |
| 1"   | Thd       | DAB6010UPF | \$568.80   | 2"     | Thd       | DAB6020UPF | \$1,083.85 |

\* All EPDM and PTFE diaphragms are available with a PVDF vapor barrier, use Suffix A. See page 76 for adder.  
All PTFE diaphragms are EPDM backed. For FPM backed PTFE diaphragms, consult factory.

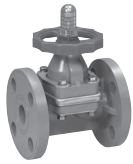


## DAB SERIES DIAPHRAGM VALVES – FLANGED

*All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.*

### PVC - FPM Diaphragm

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Flanged   | DAB1005FFK | \$185.60   | 2"     | Flanged   | DAB1020FFK | \$467.80   |
| 3/4"   | Flanged   | DAB1007FFK | \$213.35   | 2-1/2" | Flanged   | DAB1025FFK | \$652.10   |
| 1"     | Flanged   | DAB1010FFK | \$279.50   | 3"     | Flanged   | DAB1030FFK | \$847.90   |
| 1-1/4" | Flanged   | DAB1012FFK | \$377.10   | 4"     | Flanged   | DAB1040FFK | \$1,151.85 |
| 1-1/2" | Flanged   | DAB1015FFK | \$377.10   | 6"     | Flanged   | DAB1060FFK | \$2,985.05 |



## DAB SERIES DIAPHRAGM VALVES – FLANGED (cont.)

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.

### PVC - EPDM Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Flanged   | DAB1005FEK | \$155.80   | 2"     | Flanged   | DAB1020FEK | \$423.95   |
| 3/4"   | Flanged   | DAB1007FEK | \$179.15   | 2-1/2" | Flanged   | DAB1025FEK | \$587.10   |
| 1"     | Flanged   | DAB1010FEK | \$236.75   | 3"     | Flanged   | DAB1030FEK | \$739.75   |
| 1-1/4" | Flanged   | DAB1012FEK | \$313.00   | 4"     | Flanged   | DAB1040FEK | \$1,052.45 |
| 1-1/2" | Flanged   | DAB1015FEK | \$313.00   | 6"     | Flanged   | DAB1060FEK | \$2,385.55 |

### PVC - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Flanged   | DAB1005FPK | \$232.60   | 2"     | Flanged   | DAB1020FPK | \$628.75   |
| 3/4"   | Flanged   | DAB1007FPK | \$253.80   | 2-1/2" | Flanged   | DAB1025FPK | \$947.25   |
| 1"     | Flanged   | DAB1010FPK | \$375.45   | 3"     | Flanged   | DAB1030FPK | \$1,207.55 |
| 1-1/4" | Flanged   | DAB1012FPK | \$497.05   | 4"     | Flanged   | DAB1040FPK | \$1,574.10 |
| 1-1/2" | Flanged   | DAB1015FPK | \$545.85   | 6"     | Flanged   | DAB1060FPK | \$4,174.80 |

### CPVC - FPM Diaphragm

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Flanged   | DAB2005FFK | \$298.25   | 1-1/2" | Flanged   | DAB2015FFK | \$644.35   |
| 3/4"   | Flanged   | DAB2007FFK | \$333.90   | 2"     | Flanged   | DAB2020FFK | \$750.35   |
| 1"     | Flanged   | DAB2010FFK | \$417.35   | 2-1/2" | Flanged   | DAB2025FFK | \$1,093.85 |
| 1-1/4" | Flanged   | DAB2012FFK | \$644.35   | 3"     | Flanged   | DAB2030FFK | \$1,642.25 |
|        |           |            |            | 4"     | Flanged   | DAB2040FFK | \$2,253.20 |

### CPVC - EPDM Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Flanged   | DAB2005FEK | \$280.55   | 1-1/2" | Flanged   | DAB2015FEK | \$521.75   |
| 3/4"   | Flanged   | DAB2007FEK | \$304.15   | 2"     | Flanged   | DAB2020FEK | \$584.20   |
| 1"     | Flanged   | DAB2010FEK | \$372.60   | 2-1/2" | Flanged   | DAB2025FEK | \$962.65   |
| 1-1/4" | Flanged   | DAB2012FEK | \$500.70   | 3"     | Flanged   | DAB2030FEK | \$1,266.30 |
|        |           |            |            | 4"     | Flanged   | DAB2040FEK | \$1,676.85 |

### CPVC - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Flanged   | DAB2005FPK | \$365.30   | 1-1/2" | Flanged   | DAB2015FPK | \$750.00   |
| 3/4"   | Flanged   | DAB2007FPK | \$404.40   | 2"     | Flanged   | DAB2020FPK | \$849.40   |
| 1"     | Flanged   | DAB2010FPK | \$506.65   | 2-1/2" | Flanged   | DAB2025FPK | \$1,546.85 |
| 1-1/4" | Flanged   | DAB2012FPK | \$637.95   | 3"     | Flanged   | DAB2030FPK | \$1,892.60 |
|        |           |            |            | 4"     | Flanged   | DAB2040FPK | \$2,682.30 |

### PP - FPM Diaphragm

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE  |
|--------|-----------|------------|------------|--------|-----------|------------|-------------|
| 1/2"   | Flanged   | DAB3005FFK | \$191.05   | 2-1/2" | Flanged   | DAB3025FFK | \$671.25    |
| 3/4"   | Flanged   | DAB3007FFK | \$219.55   | 3"     | Flanged   | DAB3030FFK | \$872.80    |
| 1"     | Flanged   | DAB3010FFK | \$287.70   | 4"     | Flanged   | DAB3040FFK | \$1,185.75  |
| 1-1/4" | Flanged   | DAB3012FFK | \$388.30   | 6"     | Flanged   | DAB3060FFK | \$3,072.80  |
| 1-1/2" | Flanged   | DAB3015FFK | \$388.30   | 8"     | Flanged   | DAB3080FFK | \$5,525.90  |
| 2"     | Flanged   | DAB3020FFK | \$481.65   | 10"    | Flanged   | DAB3100FFK | \$10,653.60 |

\* All EPDM and PTFE diaphragms are available with a PVDF vapor barrier, use Suffix A. See page 76 for adder.



## DAB SERIES DIAPHRAGM VALVES – FLANGED (cont.)

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.

### PP - EPDM Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2"   | Flanged   | DAB3005FEK | \$160.45   | 2-1/2" | Flanged   | DAB3025FEK | \$604.40   |
| 3/4"   | Flanged   | DAB3007FEK | \$184.45   | 3"     | Flanged   | DAB3030FEK | \$761.45   |
| 1"     | Flanged   | DAB3010FEK | \$243.75   | 4"     | Flanged   | DAB3040FEK | \$1,083.50 |
| 1-1/4" | Flanged   | DAB3012FEK | \$322.20   | 6"     | Flanged   | DAB3060FEK | \$2,455.70 |
| 1-1/2" | Flanged   | DAB3015FEK | \$322.20   | 8"     | Flanged   | DAB3080FEK | \$5,169.45 |
| 2"     | Flanged   | DAB3020FEK | \$436.35   | 10"    | Flanged   | DAB3100FEK | \$9,687.55 |

### PP - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE  |
|--------|-----------|------------|------------|--------|-----------|------------|-------------|
| 1/2"   | Flanged   | DAB3005FPK | \$239.45   | 2-1/2" | Flanged   | DAB3025FPK | \$975.10    |
| 3/4"   | Flanged   | DAB3007FPK | \$261.30   | 3"     | Flanged   | DAB3030FPK | \$1,243.15  |
| 1"     | Flanged   | DAB3010FPK | \$386.45   | 4"     | Flanged   | DAB3040FPK | \$1,620.40  |
| 1-1/4" | Flanged   | DAB3012FPK | \$511.65   | 6"     | Flanged   | DAB3060FPK | \$4,297.65  |
| 1-1/2" | Flanged   | DAB3015FPK | \$561.90   | 8"     | Flanged   | DAB3080FPK | \$6,497.40  |
| 2"     | Flanged   | DAB3020FPK | \$647.15   | 10"    | Flanged   | DAB3100FPK | \$12,745.10 |

### PVDF - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE  |
|--------|-----------|------------|------------|--------|-----------|------------|-------------|
| 1/2"   | Flanged   | DAB5005FPK | \$431.45   | 2-1/2" | Flanged   | DAB5025FPK | \$2,192.70  |
| 3/4"   | Flanged   | DAB5007FPK | \$492.05   | 3"     | Flanged   | DAB5030FPK | \$2,763.05  |
| 1"     | Flanged   | DAB5010FPK | \$718.50   | 4"     | Flanged   | DAB5040FPK | \$3,957.35  |
| 1-1/2" | Flanged   | DAB5015FPK | \$1,068.70 | 6"     | Flanged   | DAB5060FPK | \$10,071.40 |
| 2"     | Flanged   | DAB5020FPK | \$1,345.90 | 8"     | Flanged   | DAB5080FPK | \$18,181.85 |

### PVDF/PP - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.   | LIST PRICE | SIZE   | END CONN. | PART NO.   | LIST PRICE  |
|--------|-----------|------------|------------|--------|-----------|------------|-------------|
| 1/2"   | Flanged   | DAB6005FPK | \$365.50   | 2-1/2" | Flanged   | DAB6025FPK | \$1,631.10  |
| 3/4"   | Flanged   | DAB6007FPK | \$413.55   | 3"     | Flanged   | DAB6030FPK | \$2,228.25  |
| 1"     | Flanged   | DAB6010FPK | \$570.55   | 4"     | Flanged   | DAB6040FPK | \$2,941.30  |
| 1-1/2" | Flanged   | DAB6015FPK | \$846.75   | 6"     | Flanged   | DAB6060FPK | \$8,021.45  |
| 2"     | Flanged   | DAB6020FPK | \$1,078.60 | 8"     | Flanged   | DAB6080FPK | \$13,547.35 |

\* All EPDM and PTFE diaphragms are available with a PVDF vapor barrier, use Suffix A. See table below for adder.

All PTFE diaphragms are EPDM backed. For FPM backed PTFE diaphragms, consult factory.

### PVDF - Vapor Barrier ADDER (For True Union and Flanged)

| SIZE            | SUFFIX NO. | LIST PRICE | SIZE | SUFFIX NO. | LIST PRICE |
|-----------------|------------|------------|------|------------|------------|
| 1/2"            | A          | \$37.80    | 3"   | A          | \$240.35   |
| 3/4"            | A          | \$43.10    | 4"   | A          | \$342.45   |
| 1"              | A          | \$62.85    | 5"   | A          | \$570.90   |
| 1-1/4" - 1-1/2" | A          | \$93.30    | 6"   | A          | \$873.35   |
| 2"              | A          | \$117.60   | 8"   | A          | POA        |
| 2-1/2"          | A          | \$189.65   | 10"  | A          | POA        |



## DAB SERIES DIAPHRAGM VALVES - TRUE UNION

### \*\*ACTUATION READY\*\*

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator. Available with Pneumatic or Electric Actuation. See pages 65 and 70.

#### PVC - FPM Diaphragm - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Skt/Thd   | HCDAB1005UFF | \$153.00   | 1-1/4" | Skt/Thd   | HCDAB1012UFF | \$328.75   |
| 3/4" | Skt/Thd   | HCDAB1007UFF | \$171.65   | 1-1/2" | Skt/Thd   | HCDAB1015UFF | \$328.75   |
| 1"   | Skt/Thd   | HCDAB1010UFF | \$214.70   | 2"     | Skt/Thd   | HCDAB1020UFF | \$389.45   |

#### PVC - EPDM Diaphragm\* - EPDM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Skt/Thd   | HCDAB1005UEE | \$121.45   | 1-1/4" | Skt/Thd   | HCDAB1012UEE | \$263.90   |
| 3/4" | Skt/Thd   | HCDAB1007UEE | \$138.25   | 1-1/2" | Skt/Thd   | HCDAB1015UEE | \$263.90   |
| 1"   | Skt/Thd   | HCDAB1010UEE | \$171.65   | 2"     | Skt/Thd   | HCDAB1020UEE | \$311.90   |

#### PVC - PTFE Diaphragm\* - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Skt/Thd   | HCDAB1005UPF | \$232.60   | 1-1/4" | Skt/Thd   | HCDAB1012UPF | \$488.00   |
| 3/4" | Skt/Thd   | HCDAB1007UPF | \$246.95   | 1-1/2" | Skt/Thd   | HCDAB1015UPF | \$505.30   |
| 1"   | Skt/Thd   | HCDAB1010UPF | \$334.95   | 2"     | Skt/Thd   | HCDAB1020UPF | \$600.00   |

#### CPVC - FPM Diaphragm - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Skt/Thd   | HCDAB2005UFF | \$293.30   | 1-1/4" | Skt/Thd   | HCDAB2012UFF | \$563.85   |
| 3/4" | Skt/Thd   | HCDAB2007UFF | \$316.30   | 1-1/2" | Skt/Thd   | HCDAB2015UFF | \$563.85   |
| 1"   | Skt/Thd   | HCDAB2010UFF | \$389.75   | 2"     | Skt/Thd   | HCDAB2020UFF | \$612.50   |

#### CPVC - EPDM Diaphragm\* - EPDM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Skt/Thd   | HCDAB2005UEE | \$224.50   | 1-1/4" | Skt/Thd   | HCDAB2012UEE | \$478.05   |
| 3/4" | Skt/Thd   | HCDAB2007UEE | \$270.35   | 1-1/2" | Skt/Thd   | HCDAB2015UEE | \$478.05   |
| 1"   | Skt/Thd   | HCDAB2010UEE | \$297.85   | 2"     | Skt/Thd   | HCDAB2020UEE | \$551.25   |

#### CPVC - PTFE Diaphragm\* - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Skt/Thd   | HCDAB2005UPF | \$333.45   | 1-1/4" | Skt/Thd   | HCDAB2012UPF | \$669.20   |
| 3/4" | Skt/Thd   | HCDAB2007UPF | \$354.80   | 1-1/2" | Skt/Thd   | HCDAB2015UPF | \$674.95   |
| 1"   | Skt/Thd   | HCDAB2010UPF | \$425.05   | 2"     | Skt/Thd   | HCDAB2020UPF | \$700.75   |

\* All EPDM & PTFE diaphragms are available with a PVDF vapor barrier. See page 76.



## DAB SERIES DIAPHRAGM VALVES - TRUE UNION (cont.) **\*\*ACTUATION READY\*\***

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator. Available with Pneumatic or Electric Actuation. See pages 65 and 70.

### PP - FPM Diaphragm - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Threaded  | HCDAB3005UFF | \$151.65   | 1-1/4" | Threaded  | HCDAB3012UFF | \$325.90   |
| 3/4" | Threaded  | HCDAB3007UFF | \$170.20   | 1-1/2" | Threaded  | HCDAB3015UFF | \$325.90   |
| 1"   | Threaded  | HCDAB3010UFF | \$212.80   | 2"     | Threaded  | HCDAB3020UFF | \$386.10   |

### PP - EPDM Diaphragm\* - EPDM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Threaded  | HCDAB3005UEE | \$120.40   | 1-1/4" | Threaded  | HCDAB3012UEE | \$261.55   |
| 3/4" | Threaded  | HCDAB3007UEE | \$136.95   | 1-1/2" | Threaded  | HCDAB3015UEE | \$261.55   |
| 1"   | Threaded  | HCDAB3010UEE | \$170.20   | 2"     | Threaded  | HCDAB3020UEE | \$309.25   |

### PP - PTFE Diaphragm\* - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Threaded  | HCDAB3005UPF | \$219.20   | 1-1/4" | Threaded  | HCDAB3012UPF | \$458.20   |
| 3/4" | Threaded  | HCDAB3007UPF | \$227.75   | 1-1/2" | Threaded  | HCDAB3015UPF | \$486.55   |
| 1"   | Threaded  | HCDAB3010UPF | \$332.90   | 2"     | Threaded  | HCDAB3020UPF | \$554.95   |

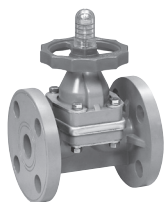
### PVDF - PTFE Diaphragm\* - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Threaded  | HCDAB5005UPF | \$429.70   | 1-1/4" | Threaded  | HCDAB5012UPF | \$1,062.40 |
| 3/4" | Threaded  | HCDAB5007UPF | \$491.15   | 1-1/2" | Threaded  | HCDAB5015UPF | \$1,062.40 |
| 1"   | Threaded  | HCDAB5010UPF | \$717.10   | 2"     | Threaded  | HCDAB5020UPF | \$1,340.60 |

### PVDF/PP - PTFE Diaphragm\* - FPM Seals

| SIZE | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2" | Threaded  | HCDAB6005UPF | \$358.45   | 1-1/4" | Threaded  | HCDAB6012UPF | \$846.75   |
| 3/4" | Threaded  | HCDAB6007UPF | \$411.85   | 1-1/2" | Threaded  | HCDAB6015UPF | \$846.75   |
| 1"   | Threaded  | HCDAB6010UPF | \$568.80   | 2"     | Threaded  | HCDAB6020UPF | \$1,083.85 |

\* All EPDM & PTFE diaphragms are available with a PVDF vapor barrier. See page 47.



## DAB SERIES DIAPHRAGM VALVES - FLANGED (cont.)

### \*\*ACTUATION READY\*\*

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator. Available with Pneumatic or Electric Actuation. See pages 65 and 70.

#### PP - FPM Diaphragm

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE  |
|--------|-----------|--------------|------------|--------|-----------|--------------|-------------|
| 1/2"   | Flanged   | HCDAB3005FFK | \$180.55   | 2-1/2" | Flanged   | HCDAB3025FFK | \$634.60    |
| 3/4"   | Flanged   | HCDAB3007FFK | \$207.60   | 3"     | Flanged   | HCDAB3030FFK | \$825.25    |
| 1"     | Flanged   | HCDAB3010FFK | \$271.95   | 4"     | Flanged   | HCDAB3040FFK | \$1,121.15  |
| 1-1/4" | Flanged   | HCDAB3012FFK | \$367.10   | 6"     | Flanged   | HCDAB3060FFK | \$2,905.15  |
| 1-1/2" | Flanged   | HCDAB3015FFK | \$367.10   | 8"     | Flanged   | HCDAB3080FFK | \$5,224.55  |
| 2"     | Flanged   | HCDAB3020FFK | \$455.30   | 10"    | Flanged   | HCDAB3100FFK | \$10,072.45 |

#### PP - EPDM Diaphragm\*

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|--------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2"   | Flanged   | HCDAB3005FEK | \$151.65   | 2-1/2" | Flanged   | HCDAB3025FEK | \$571.35   |
| 3/4"   | Flanged   | HCDAB3007FEK | \$174.35   | 3"     | Flanged   | HCDAB3030FEK | \$719.95   |
| 1"     | Flanged   | HCDAB3010FEK | \$230.50   | 4"     | Flanged   | HCDAB3040FEK | \$1,024.35 |
| 1-1/4" | Flanged   | HCDAB3012FEK | \$304.60   | 6"     | Flanged   | HCDAB3060FEK | \$2,321.80 |
| 1-1/2" | Flanged   | HCDAB3015FEK | \$304.60   | 8"     | Flanged   | HCDAB3080FEK | \$4,887.50 |
| 2"     | Flanged   | HCDAB3020FEK | \$412.65   | 10"    | Flanged   | HCDAB3100FEK | \$9,159.10 |

#### PP - PTFE Diaphragm\*

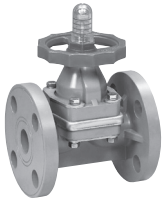
| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE  |
|--------|-----------|--------------|------------|--------|-----------|--------------|-------------|
| 1/2"   | Flanged   | HCDAB3005FPK | \$226.40   | 2-1/2" | Flanged   | HCDAB3025FPK | \$921.95    |
| 3/4"   | Flanged   | HCDAB3007FPK | \$247.10   | 3"     | Flanged   | HCDAB3030FPK | \$1,175.30  |
| 1"     | Flanged   | HCDAB3010FPK | \$365.40   | 4"     | Flanged   | HCDAB3040FPK | \$1,532.05  |
| 1-1/4" | Flanged   | HCDAB3012FPK | \$483.75   | 6"     | Flanged   | HCDAB3060FPK | \$4,063.20  |
| 1-1/2" | Flanged   | HCDAB3015FPK | \$531.30   | 8"     | Flanged   | HCDAB3080FPK | \$6,143.00  |
| 2"     | Flanged   | HCDAB3020FPK | \$611.80   | 10"    | Flanged   | HCDAB3100FPK | \$12,049.95 |

#### PVDF - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE  |
|--------|-----------|--------------|------------|--------|-----------|--------------|-------------|
| 1/2"   | Flanged   | HCDAB5005FPK | \$431.45   | 2-1/2" | Flanged   | HCDAB5025FPK | \$2,192.70  |
| 3/4"   | Flanged   | HCDAB5007FPK | \$492.05   | 3"     | Flanged   | HCDAB5030FPK | \$2,763.05  |
| 1"     | Flanged   | HCDAB5010FPK | \$718.50   | 4"     | Flanged   | HCDAB5040FPK | \$3,957.35  |
| 1-1/2" | Flanged   | HCDAB5015FPK | \$1,068.70 | 6"     | Flanged   | HCDAB5060FPK | \$10,071.40 |
| 2"     | Flanged   | HCDAB5020FPK | \$1,345.90 | 8"     | Flanged   | HCDAB5080FPK | \$18,181.85 |

#### PVDF/PP - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE  |
|--------|-----------|--------------|------------|--------|-----------|--------------|-------------|
| 1/2"   | Flanged   | HCDAB6005FPK | \$365.50   | 2-1/2" | Flanged   | HCDAB6025FPK | \$1,631.10  |
| 3/4"   | Flanged   | HCDAB6007FPK | \$413.55   | 3"     | Flanged   | HCDAB6030FPK | \$2,228.25  |
| 1"     | Flanged   | HCDAB6010FPK | \$570.55   | 4"     | Flanged   | HCDAB6040FPK | \$2,941.30  |
| 1-1/2" | Flanged   | HCDAB6015FPK | \$846.75   | 6"     | Flanged   | HCDAB6060FPK | \$8,021.45  |
| 2"     | Flanged   | HCDAB6020FPK | \$1,078.60 | 8"     | Flanged   | HCDAB6080FPK | \$13,547.35 |



# DAB SERIES DIAPHRAGM VALVES - FLANGED

## \*\*ACTUATION READY\*\*

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator. Available with Pneumatic or Electric Actuation. See pages 65 and 70.

### PVC - FPM Diaphragm

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|--------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2"   | Flanged   | HCDAB1005FFK | \$182.20   | 2"     | Flanged   | HCDAB1020FFK | \$459.40   |
| 3/4"   | Flanged   | HCDAB1007FFK | \$209.40   | 2-1/2" | Flanged   | HCDAB1025FFK | \$640.25   |
| 1"     | Flanged   | HCDAB1010FFK | \$274.40   | 3"     | Flanged   | HCDAB1030FFK | \$832.50   |
| 1-1/4" | Flanged   | HCDAB1012FFK | \$370.40   | 4"     | Flanged   | HCDAB1040FFK | \$1,130.90 |
| 1-1/2" | Flanged   | HCDAB1015FFK | \$370.40   | 6"     | Flanged   | HCDAB1060FFK | \$2,930.80 |

### PVC - EPDM Diaphragm\*

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|--------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2"   | Flanged   | HCDAB1005FEK | \$153.00   | 2"     | Flanged   | HCDAB1020FEK | \$416.25   |
| 3/4"   | Flanged   | HCDAB1007FEK | \$175.90   | 2-1/2" | Flanged   | HCDAB1025FEK | \$576.45   |
| 1"     | Flanged   | HCDAB1010FEK | \$232.50   | 3"     | Flanged   | HCDAB1030FEK | \$726.35   |
| 1-1/4" | Flanged   | HCDAB1012FEK | \$307.35   | 4"     | Flanged   | HCDAB1040FEK | \$1,033.40 |
| 1-1/2" | Flanged   | HCDAB1015FEK | \$307.35   | 6"     | Flanged   | HCDAB1060FEK | \$2,342.30 |

### PVC - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|--------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2"   | Flanged   | HCDAB1005FPK | \$228.35   | 2"     | Flanged   | HCDAB1020FPK | \$617.30   |
| 3/4"   | Flanged   | HCDAB1007FPK | \$249.25   | 2-1/2" | Flanged   | HCDAB1025FPK | \$930.05   |
| 1"     | Flanged   | HCDAB1010FPK | \$368.60   | 3"     | Flanged   | HCDAB1030FPK | \$1,185.65 |
| 1-1/4" | Flanged   | HCDAB1012FPK | \$488.00   | 4"     | Flanged   | HCDAB1040FPK | \$1,545.45 |
| 1-1/2" | Flanged   | HCDAB1015FPK | \$536.00   | 6"     | Flanged   | HCDAB1060FPK | \$4,098.85 |

### CPVC - FPM Diaphragm

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|--------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2"   | Flanged   | HCDAB2005FFK | \$287.35   | 1-1/2" | Flanged   | HCDAB2015FFK | \$620.95   |
| 3/4"   | Flanged   | HCDAB2007FFK | \$321.85   | 2"     | Flanged   | HCDAB2020FFK | \$722.95   |
| 1"     | Flanged   | HCDAB2010FFK | \$402.20   | 2-1/2" | Flanged   | HCDAB2025FFK | \$1,054.05 |
| 1-1/4" | Flanged   | HCDAB2012FFK | \$620.95   | 3"     | Flanged   | HCDAB2030FFK | \$1,582.50 |
|        |           |              |            | 4"     | Flanged   | HCDAB2040FFK | \$2,171.25 |

### CPVC - EPDM Diaphragm\*

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|--------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2"   | Flanged   | HCDAB2005FEK | \$270.35   | 1-1/2" | Flanged   | HCDAB2015FEK | \$502.75   |
| 3/4"   | Flanged   | HCDAB2007FEK | \$293.00   | 2"     | Flanged   | HCDAB2020FEK | \$562.95   |
| 1"     | Flanged   | HCDAB2010FEK | \$359.10   | 2-1/2" | Flanged   | HCDAB2025FEK | \$927.70   |
| 1-1/4" | Flanged   | HCDAB2012FEK | \$482.55   | 3"     | Flanged   | HCDAB2030FEK | \$1,220.25 |
|        |           |              |            | 4"     | Flanged   | HCDAB2040FEK | \$1,615.95 |

### CPVC - PTFE Diaphragm\*

| SIZE   | END CONN. | PART NO.     | LIST PRICE | SIZE   | END CONN. | PART NO.     | LIST PRICE |
|--------|-----------|--------------|------------|--------|-----------|--------------|------------|
| 1/2"   | Flanged   | HCDAB2005FPK | \$352.05   | 1-1/2" | Flanged   | HCDAB2015FPK | \$722.75   |
| 3/4"   | Flanged   | HCDAB2007FPK | \$389.75   | 2"     | Flanged   | HCDAB2020FPK | \$818.55   |
| 1"     | Flanged   | HCDAB2010FPK | \$488.20   | 2-1/2" | Flanged   | HCDAB2025FPK | \$1,490.55 |
| 1-1/4" | Flanged   | HCDAB2012FPK | \$614.75   | 3"     | Flanged   | HCDAB2030FPK | \$1,823.80 |
|        |           |              |            | 4"     | Flanged   | HCDAB2040FPK | \$2,584.85 |

\* All EPDM & PTFE diaphragms are available with a PVDF vapor barrier. See page 47.



## RV SERIES PRESSURE RELIEF VALVES

All Pressure Relief Valves can be set from 5-75 PSI\* and are assembled with silicone free lubricant.

### FPM SEALS

### PVC

### CPVC

| SIZE   | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|----------|------------|
| 1/2"   | Threaded  | RV1050T  | \$454.80   | RV2050T  | \$666.70   |
| 3/4"   | Threaded  | RV1075T  | \$512.40   | RV2075T  | \$751.55   |
| 1"***  | Threaded  | RV1100T  | \$611.50   | RV2100T  | \$894.95   |
| 1-1/2" | Threaded  | RV1150T  | \$792.20   | RV2150T  | \$1,161.50 |
| 2"***  | Threaded  | RV1200T  | \$936.25   | RV2200T  | \$1,375.45 |

\* For set pressures below 25 PSI, add "L" to part number for low pressure spring.

\*\* 1" and 2" Flanged - POA.

\*\*\* For Valves to have a Preset Pressure, add part number "SET-PRESSURE1". List Price Adder of \$121.80 per valve to set.

\*\*\*\* Advise pressure set requirements upon ordering. Keep to 1 PSI increments only.

### EPDM SEALS

### PVC

### CPVC

| SIZE   | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|----------|------------|
| 1/2"   | Threaded  | RV1050TE | \$444.50   | RV2050TE | \$656.20   |
| 3/4"   | Threaded  | RV1075TE | \$500.40   | RV2075TE | \$739.25   |
| 1"***  | Threaded  | RV1100TE | \$600.90   | RV2100TE | \$872.25   |
| 1-1/2" | Threaded  | RV1150TE | \$775.75   | RV2150TE | \$1,147.30 |
| 2"***  | Threaded  | RV1200TE | \$921.90   | RV2200TE | \$1,361.45 |

\* For set pressures below 25 PSI, add "L" to part number for low pressure spring.

\*\* 1" and 2" Flanged - POA.

\*\*\* For Valves to have a Preset Pressure, add part number "SET-PRESSURE1". List Price Adder of \$121.80 per valve to set.

\*\*\*\* Advise pressure set requirements upon ordering. Keep to 1 PSI increments only.



## PR SERIES PRESSURE REGULATOR VALVES

All Pressure Regulators have FPM seals, can be set from 5 to 75 PSI and are assembled with water soluble, silicone free lubricant.

### PVC

### CPVC

| SIZE   | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|----------|------------|
| 1/4"   | Threaded  | PR10025T | \$512.40   | PR20025T | \$747.15   |
| 1/2"   | Threaded  | PR10050T | \$563.80   | PR20050T | \$840.20   |
| 3/4"   | Threaded  | PR10075T | \$957.00   | PR20075T | \$1,335.05 |
| 1"     | Threaded  | PR10100T | \$1,115.15 | PR20100T | \$1,542.45 |
| 1-1/2" | Threaded  | PR10150T | \$1,292.00 | PR20150T | \$1,777.45 |

\* For Valves to have a Preset Pressure, add part number "SET-PRESSURE1". List Price Adder of \$121.80 per valve to set.

\*\* Advise pressure set requirements upon ordering. Keep to 1 PSI increments only.



## AV SERIES ANGLE GLOBE VALVES

All Angle Globe Valves are assembled with silicone free lubricant and have an FPM o-ring seal and seat.

### PVC

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|--------|-----------|----------|------------|
| 1/4" | Threaded  | AV10025T | \$84.85    | 1"     | Threaded  | AV10100T | \$174.95   |
| 1/2" | Threaded  | AV10050T | \$121.45   | 1-1/2" | Threaded  | AV10150T | \$277.70   |
| 3/4" | Threaded  | AV10075T | \$144.05   | 2"     | Threaded  | AV10200T | \$397.20   |



## PBV SERIES DIAPHRAGM BACK PRESSURE VALVES



Designed to enhance the performance of chemical feed systems by applying a continuous back pressure to the chemical feed pump, while also acting as an anti-siphon valve. Standard valve has 10 - 150 psi, adjustable spring with PTFE/EPDM diaphragm. Valves with 0 - 50 psi and 10 - 250 psi spring available, as well as with PTFE/FPM diaphragm. Spare Parts and rebuild kits available.

### PVC

### CPVC

| SIZE   | END CONN. | PART NO.    | LIST PRICE | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|-------------|------------|
| 1/4"   | Threaded  | PBV1025TPE1 | \$187.15   | PBV2025TPE1 | \$269.55   |
| 3/8"   | Threaded  | PBV1037TPE1 | \$187.15   | PBV2037TPE1 | \$269.55   |
| 1/2"   | Threaded  | PBV1050TPE1 | \$203.60   | PBV2050TPE1 | \$368.40   |
| 3/4"   | Threaded  | PBV1075TPE1 | \$411.95   | PBV2075TPE1 | \$526.10   |
| 1"     | Threaded  | PBV1100TPE1 | \$532.00   | PBV2100TPE1 | \$729.75   |
| 1-1/2" | Threaded  | PBV1150TPE1 | \$1,169.95 | PBV2150TPE1 | \$1,766.70 |
| 2"     | Threaded  | PBV1200TPE1 | \$1,324.15 | PBV2200TPE1 | \$1,949.10 |

### PP

### PVDF

| SIZE   | END CONN. | PART NO.    | LIST PRICE | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|-------------|------------|
| 1/4"   | Threaded  | PBV3025TPE1 | \$194.20   | PBV5025TPE1 | \$402.55   |
| 3/8"   | Threaded  | PBV3037TPE1 | \$194.20   | PBV5037TPE1 | \$402.55   |
| 1/2"   | Threaded  | PBV3050TPE1 | \$210.70   | PBV5050TPE1 | \$586.15   |
| 3/4"   | Threaded  | PBV3075TPE1 | \$422.55   | PBV5075TPE1 | \$838.00   |
| 1"     | Threaded  | PBV3100TPE1 | \$543.75   | PBV5100TPE1 | \$1,021.65 |
| 1-1/2" | Threaded  | PBV3150TPE1 | \$1,238.20 | PBV5150TPE1 | \$2,750.65 |
| 2"     | Threaded  | PBV3200TPE1 | \$1,395.90 | PBV5200TPE1 | \$2,855.40 |



## RPV SERIES DIAPHRAGM PRESSURE RELIEF VALVES



Protects chemical feed systems from damage caused by defective equipment or a blockage in the chemical feed line. Standard valve has 10 - 150 psi, adjustable spring with PTFE/EPDM diaphragm. Valves with 0 - 50 psi and 10 - 250 psi spring available, as well as with PTFE/FPM diaphragm. Spare Parts and rebuild kits available.

### PVC

### CPVC

| SIZE   | END CONN. | PART NO.    | LIST PRICE | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|-------------|------------|
| 1/4"   | Threaded  | RPV1025TPE1 | \$211.85   | RPV2025TPE1 | \$301.30   |
| 3/8"   | Threaded  | RPV1037TPE1 | \$211.85   | RPV2037TPE1 | \$301.30   |
| 1/2"   | Threaded  | RPV1050TPE1 | \$214.20   | RPV2050TPE1 | \$495.50   |
| 3/4"   | Threaded  | RPV1075TPE1 | \$443.75   | RPV2075TPE1 | \$573.20   |
| 1"     | Threaded  | RPV1100TPE1 | \$572.00   | RPV2100TPE1 | \$748.55   |
| 1-1/2" | Threaded  | RPV1150TPE1 | \$1,169.95 | RPV2150TPE1 | \$1,766.70 |
| 2"     | Threaded  | RPV1200TPE1 | \$1,324.15 | RPV2200TPE1 | \$1,949.10 |

### PP

### PVDF

| SIZE   | END CONN. | PART NO.    | LIST PRICE | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|-------------|------------|
| 1/4"   | Threaded  | RPV3025TPE1 | \$220.10   | RPV5025TPE1 | \$436.65   |
| 3/8"   | Threaded  | RPV3037TPE1 | \$220.10   | RPV5037TPE1 | \$436.65   |
| 1/2"   | Threaded  | RPV3050TPE1 | \$383.70   | RPV5050TPE1 | \$600.25   |
| 3/4"   | Threaded  | RPV3075TPE1 | \$447.25   | RPV5075TPE1 | \$856.85   |
| 1"     | Threaded  | RPV3100TPE1 | \$579.10   | RPV5100TPE1 | \$1,062.85 |
| 1-1/2" | Threaded  | RPV3150TPE1 | \$1,238.20 | RPV5150TPE1 | \$2,750.65 |
| 2"     | Threaded  | RPV3200TPE1 | \$1,395.90 | RPV5200TPE1 | \$2,855.40 |



## CS SERIES CORPORATION STOPS

Ensures that chemical feed systems inject into the center of a process stream for better mixing and to prevent corrosion along the process pipe. The integral check valve prevents the process fluid from going back up the chemical line. Quill with 45° Bevel. EPDM seals, optional.

COMING  
SOON

### FPM SEALS, TRUE UNION THREADED AND MNPT

| SIZE | QUILL | PART NO.      | LIST PRICE | QUILL | PART NO.      | LIST PRICE |
|------|-------|---------------|------------|-------|---------------|------------|
| 1/2" | PVC   | CS11050T06BV1 | \$371.95   | CPVC  | CS22050T06BV1 | \$384.90   |
| 3/4" | PVC   | CS11075T06BV1 | \$393.10   | CPVC  | CS22075T06BV1 | \$474.35   |
| 1"   | PVC   | CS11100T06BV1 | \$427.25   | CPVC  | CS22100T06BV1 | \$621.45   |

COMING  
SOON



## IV SERIES INJECTION VALVES

The IV Series Injection Valves ensure that chemical feed systems inject into the center of a process stream for better mixing and to prevent corrosion along the process pipe. The check valve prevents the process fluid from going back up the chemical line. 45° Bevel. EPDM seals, optional.

### FPM SEALS

### PVC

### CPVC

### PVDF

| SIZE   | END CONN. | PART NO.    | LIST PRICE | PART NO.    | LIST PRICE | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|-------------|------------|-------------|------------|
| 1/2"   | Threaded  | IV1050T04BV | \$195.40   | IV2050T04BV | \$233.05   | IV5050T04BV | \$477.85   |
| 3/4"   | Threaded  | IV1075T04BV | \$213.05   | IV2075T04BV | \$247.15   | IV5075T04BV | \$813.30   |
| 1"     | Threaded  | IV1100T04BV | \$213.05   | IV2100T04BV | \$247.15   | IV5100T04BV | \$813.30   |
| 1-1/2" | Threaded  | IV1150T06BV | \$709.75   | IV2150T06BV | \$965.15   | IV5150T06BV | \$2,821.25 |
| 2"     | Threaded  | IV1200T06BV | \$749.75   | IV2200T06BV | \$1,001.65 | IV5200T06BV | \$3,463.90 |

PRESSURE & FLOW CONTROL VALVES



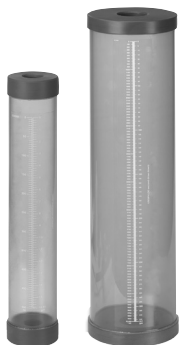
## IQ SERIES INJECTION QUILLS

The IQ Series Injection Quills provide an economic solution for proper injection into chemical feed systems. 45° Bevel.

COMING  
SOON

### MNPT

| SIZE | QUILL | PART NO.   | LIST PRICE | QUILL | PART NO.   | LIST PRICE | QUILL | PART NO.   | LIST PRICE |
|------|-------|------------|------------|-------|------------|------------|-------|------------|------------|
| 1/2" | PVC   | IQ1050T03B | \$100.05   | CPVC  | IQ2050T03B | \$113.00   | PVDF  | IQ5050T03B | \$221.30   |
| 3/4" | PVC   | IQ1075T03B | \$113.00   | CPVC  | IQ2075T03B | \$120.05   | PVDF  | IQ5075T03B | \$246.00   |
| 1"   | PVC   | IQ1100T04B | \$136.55   | CPVC  | IQ2100T04B | \$157.70   | PVDF  | IQ5100T04B | \$356.65   |



## CCS SERIES CALIBRATION CYLINDERS

*The CCS Series Calibration Cylinders enhance the performance of a chemical feed system by providing a verification of the flow rate with direct mL, GPH readout and a sealed top with overflow connection.*



### PVC, NPT

| CONNECTION SIZE | mL    | GPH | PART NO.     | LIST PRICE |
|-----------------|-------|-----|--------------|------------|
| 1/2"            | 100   | 3.2 | CCS1100100TS | \$97.70    |
| 1/2"            | 200   | 6.4 | CCS1100200TS | \$114.15   |
| 1/2"            | 300   | 9.6 | CCS1100300TS | \$120.05   |
| 3/4"            | 500   | 16  | CCS1100500TS | \$131.80   |
| 3/4"            | 1000  | 32  | CCS1101000TS | \$158.90   |
| 1"              | 2000  | 64  | CCS1102000TS | \$242.45   |
| 1"              | 4000  | 127 | CCS1104000TS | \$337.80   |
| 1-1/2"          | 5000  | 160 | CCS1105000TS | \$512.00   |
| 1-1/2"          | 7000  | 225 | CCS1107000TS | \$645.00   |
| 2"              | 10000 | 320 | CCS1110000TS | \$769.75   |
| 2"              | 15000 | 480 | CCS1115000TS | \$842.75   |
| 2"              | 20000 | 640 | CCS1120000TS | \$922.75   |

Note: Other materials, end connections and configurations are available for PBV, PRV, CS, IV, IQ and CCS Series. Please consult factory.

## NVA SERIES NEEDLE VALVES

Hayward Flow Control's NVA Series Needle Valves are now available in CPVC and Natural PVDF. Hayward's Needle Valves are ideal for high purity applications and high temperatures. All Needle Valves are assembled with silicone free lubricant and have an FPM o-ring and a PTFE seat.



**PVC**

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded  | NVA1025T | \$83.85    |
| 3/8" | Threaded  | NVA1037T | \$96.80    |
| 1/2" | Threaded  | NVA1050T | \$96.80    |



**CPVC**



| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded  | NVA2025T | \$93.20    |
| 3/8" | Threaded  | NVA2037T | \$107.60   |
| 1/2" | Threaded  | NVA2050T | \$107.60   |



**GFPP**

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded  | NVA4025T | \$99.75    |
| 3/8" | Threaded  | NVA4037T | \$117.00   |
| 1/2" | Threaded  | NVA4050T | \$117.00   |



**NATURAL PVDF**



| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded  | NVA5025T | \$147.15   |
| 3/8" | Threaded  | NVA5037T | \$147.15   |
| 1/2" | Threaded  | NVA5050T | \$147.15   |



## UNIVERSAL STOPCOCK™

The Universal Stopcock™ has EPDM Seals and is supplied with all the end connectors necessary to make the six different end connection combinations shown below. Universal Stopcock™ is sold in carton quantities only, and is assembled with silicone free lubricant.

| SIZE | END CONN.   | CTN//QTY. | PART NO. | LIST PRICE* |
|------|-------------|-----------|----------|-------------|
| 1/4" | FPT x FPT   | 24        | LC12     | \$28.25     |
|      | FPT x MPT   |           |          |             |
|      | FPT x HOSE  |           |          |             |
|      | MPT x MPT   |           |          |             |
|      | MPT x HOSE  |           |          |             |
|      | HOSE x HOSE |           |          |             |

\*Price is for one stopcock.

Universal Stopcock™ is a trademark of Hayward Industries, Inc.



## AR SERIES AIR RELEASE VALVES

Air release valves have FPM seals and are assembled with silicone-free lubricant. They mount to 3/4" threaded pipe for easy installation on to a tank.

| SIZE | END CONN. | PART NO.  | LIST PRICE |
|------|-----------|-----------|------------|
| 3/4" | Skt./Thd. | AR10075ST | \$257.25   |



## VB SERIES VACUUM BREAKER

Vacuum Breakers have FPM membranes and are assembled with silicone free lubricant. They mount to 3/4" threaded pipe or into the socket connection of a 1-1/2" Hayward Bulkhead Fitting (pages 89-92) for easy installation.

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 3/4" | Threaded  | VB107X15 | \$206.90   |

## DAB SERIES DIAPHRAGM VALVE PARTS - DIAPHRAGMS

| SIZE   | MATERIAL | PART NO.  | LIST PRICE |
|--------|----------|-----------|------------|
| 1/2"   | FPM      | DVBXV053  | \$78.45    |
| 3/4"   | FPM      | DVBXV073  | \$90.30    |
| 1"     | FPM      | DVBXV103  | \$107.75   |
| 1-1/4" | FPM      | DVBXV123  | \$206.90   |
| 1-1/2" | FPM      | DVBXV153  | \$206.90   |
| 2"     | FPM      | DVBXV203  | \$243.10   |
| 2-1/2" | FPM      | DVBXV253  | \$330.75   |
| 3"     | FPM      | DVBXV303  | \$455.95   |
| 4"     | FPM      | DVBXV403  | \$575.60   |
| 6"     | FPM      | DVBXV603  | \$1,800.45 |
| 8"     | FPM      | DVBXV803  | \$2,299.45 |
| 10"    | FPM      | DVBXV1003 | \$5,520.90 |

| SIZE   | MATERIAL | PART NO.  | LIST PRICE |
|--------|----------|-----------|------------|
| 1/2"   | EPDM     | DVBXE053  | \$37.55    |
| 3/4"   | EPDM     | DVBXE073  | \$44.25    |
| 1"     | EPDM     | DVBXE103  | \$57.20    |
| 1-1/4" | EPDM     | DVBXE123  | \$112.65   |
| 1-1/2" | EPDM     | DVBXE153  | \$112.65   |
| 2"     | EPDM     | DVBXE203  | \$129.25   |
| 2-1/2" | EPDM     | DVBXE253  | \$184.45   |
| 3"     | EPDM     | DVBXE303  | \$247.95   |
| 4"     | EPDM     | DVBXE403  | \$325.05   |
| 6"     | EPDM     | DVBXE603  | \$949.85   |
| 8"     | EPDM     | DVBXE803  | \$1,526.40 |
| 10"    | EPDM     | DVBXE1003 | \$4,174.50 |

| SIZE   | MATERIAL | PART NO.  | LIST PRICE |
|--------|----------|-----------|------------|
| 1/2"   | PTFE     | DVBXT053  | \$97.95    |
| 3/4"   | PTFE     | DVBXT073  | \$111.05   |
| 1"     | PTFE     | DVBXT103  | \$140.30   |
| 1-1/4" | PTFE     | DVBXT123  | \$244.70   |
| 1-1/2" | PTFE     | DVBXT153  | \$244.70   |
| 2"     | PTFE     | DVBXT203  | \$293.70   |
| 2-1/2" | PTFE     | DVBXT253  | \$443.55   |
| 3"     | PTFE     | DVBXT303  | \$528.45   |
| 4"     | PTFE     | DVBXT403  | \$658.95   |
| 6"     | PTFE     | DVBXT603  | \$2,230.90 |
| 8"     | PTFE     | DVBXT803  | \$2,641.65 |
| 10"    | PTFE     | DVBXT1003 | \$5,948.70 |

## DAB SERIES DIAPHRAGM VALVE PARTS

| SIZE   | PVC END CONNECTORS |             |            | PVC ASSEMBLY NUT |            |
|--------|--------------------|-------------|------------|------------------|------------|
|        | END CONN.          | PART NO.    | LIST PRICE | PART NO.         | LIST PRICE |
| 1/2"   | Socket             | DAXBEC1050S | \$12.55    | DABXNUT1050      | \$12.55    |
|        | Threaded           | DAXBEC1050T | \$12.55    |                  |            |
| 3/4"   | Socket             | DAXBEC1075S | \$12.55    | DABXNUT1075      | \$10.50    |
|        | Threaded           | DAXBEC1075T | \$12.55    |                  |            |
| 1"     | Socket             | DAXBEC1100S | \$14.00    | DABXNUT1100      | \$10.50    |
|        | Threaded           | DAXBEC1100T | \$14.00    |                  |            |
| 1-1/4" | Socket             | DAXBEC1125S | \$16.10    | DABXNUT1125      | \$20.75    |
|        | Threaded           | DAXBEC1125T | \$16.10    |                  |            |
| 1-1/2" | Socket             | DAXBEC1150S | \$24.15    | DABXNUT1150      | \$26.05    |
|        | Threaded           | DAXBEC1150T | \$24.15    |                  |            |
| 2"     | Socket             | DAXBEC1200S | \$26.05    | DABXNUT1200      | \$60.20    |
|        | Threaded           | DAXBEC1200T | \$26.05    |                  |            |

## DAB SERIES DIAPHRAGM VALVE PARTS (cont.)

| SIZE   | CPVC END CONNECTORS |             |            | CPVC ASSEMBLY NUT |            |
|--------|---------------------|-------------|------------|-------------------|------------|
|        | END CONN.           | PART NO.    | LIST PRICE | PART NO.          | LIST PRICE |
| 1/2"   | Socket              | DAXBEC2050S | \$18.75    | DABXNUT2050       | \$13.05    |
|        | Threaded            | DAXBEC2050T | \$18.75    |                   |            |
| 3/4"   | Socket              | DAXBEC2075S | \$21.35    | DABXNUT2075       | \$15.50    |
|        | Threaded            | DAXBEC2075T | \$21.35    |                   |            |
| 1"     | Socket              | DAXBEC2100S | \$24.15    | DABXNUT2100       | \$15.50    |
|        | Threaded            | DAXBEC2100T | \$24.15    |                   |            |
| 1-1/4" | Socket              | DAXBEC2125S | \$38.80    | DABXNUT2125       | \$31.00    |
|        | Threaded            | DAXBEC2125T | \$38.80    |                   |            |
| 1-1/2" | Socket              | DAXBEC2150S | \$38.80    | DABXNUT2150       | \$31.00    |
|        | Threaded            | DAXBEC2150T | \$38.80    |                   |            |
| 2"     | Socket              | DAXBEC2200S | \$50.75    | DABXNUT2200       | \$38.80    |
|        | Threaded            | DAXBEC2200T | \$50.75    |                   |            |

| SIZE   | PP END CONNECTORS |             |            | PP ASSEMBLY NUT |            |
|--------|-------------------|-------------|------------|-----------------|------------|
|        | END CONN.         | PART NO.    | LIST PRICE | PART NO.        | LIST PRICE |
| 1/2"   | Threaded          | DAXBEC3050T | \$16.10    | DABXNUT3050     | \$13.05    |
| 3/4"   | Threaded          | DAXBEC3075T | \$18.65    | DABXNUT3075     | \$15.50    |
| 1"     | Threaded          | DAXBEC3100T | \$21.20    | DABXNUT3100     | \$15.50    |
| 1-1/4" | Threaded          | DAXBEC3125T | \$33.65    | DABXNUT3125     | \$31.00    |
| 1-1/2" | Threaded          | DAXBEC3150T | \$33.65    | DABXNUT3150     | \$31.00    |
| 2"     | Threaded          | DAXBEC3200T | \$43.90    | DABXNUT3200     | \$38.80    |

| SIZE   | PVDF END CONNECTORS |             |            | PVDF ASSEMBLY NUT |            |
|--------|---------------------|-------------|------------|-------------------|------------|
|        | END CONN.           | PART NO.    | LIST PRICE | PART NO.          | LIST PRICE |
| 1/2"   | Threaded            | DAXBEC5050T | \$18.85    | DABXNUT5050       | \$15.00    |
| 3/4"   | Threaded            | DAXBEC5075T | \$21.60    | DABXNUT5075       | \$17.75    |
| 1"     | Threaded            | DAXBEC5100T | \$24.65    | DABXNUT5100       | \$17.75    |
| 1-1/4" | Threaded            | DAXBEC5125T | \$39.00    | DABXNUT5125       | \$35.55    |
| 1-1/2" | Threaded            | DAXBEC5150T | \$39.00    | DABXNUT5150       | \$35.55    |
| 2"     | Threaded            | DAXBEC5200T | \$50.95    | DABXNUT5200       | \$44.60    |

| ACRYLIC CAP REPLACEMENT |          |            |            |
|-------------------------|----------|------------|------------|
| SIZE                    | MATERIAL | PART NO.   | LIST PRICE |
| 1/2"                    | PTFE     | DAXBCAP125 | \$37.50    |
| 3/4"                    | PTFE     | DAXBCAP125 | \$37.50    |
| 1"                      | PTFE     | DAXBCAP125 | \$37.50    |
| 1-1/4"                  | PTFE     | DAXBCAP125 | \$37.50    |
| 1-1/2"                  | PTFE     | DAXBCAP20  | \$37.50    |
| 2"                      | PTFE     | DAXBCAP20  | \$37.50    |
| 2-1/2"                  | PTFE     | DAXBCAP25  | \$47.65    |
| 3"                      | PTFE     | DAXBCAP30  | \$57.80    |
| 4"                      | PTFE     | DAXBCAP40  | \$80.15    |
| 6"                      | PTFE     | DAXBCAP60  | \$151.75   |
| 8"                      | PTFE     | DAXBCAP80  | \$282.20   |

## RV SERIES PRESSURE RELIEF VALVE PARTS

| SIZE   | PVC*<br>SPRING |            | FPM<br>SEAT & SEAL KIT |            | EPDM<br>SEAT & SEAL KIT |            | PISTON     |            | ADJUSTMENT<br>SCREW |            |
|--------|----------------|------------|------------------------|------------|-------------------------|------------|------------|------------|---------------------|------------|
|        | PART NO.       | LIST PRICE | PART NO.               | LIST PRICE | PART NO.                | LIST PRICE | PART NO.   | LIST PRICE | PART NO.            | LIST PRICE |
| 1/2"   | PRX00751B      | \$185.55   | RVX0050PAK             | \$36.70    | RVX0050PAKE             | \$29.65    | RVX105023  | \$73.70    | RVX1005018          | \$55.30    |
| 3/4"   | RVX007515B     | \$185.55   | RVX0075PAK             | \$44.30    | RVX0075PAKE             | \$36.70    | RVX107523  | \$92.15    | RVX1007518          | \$73.70    |
| 1"     | RVX010015B     | \$185.55   | RVX0100PAK             | \$55.30    | RVX0100PAKE             | \$44.30    | RVX110023  | \$129.00   | RVX1010018          | \$92.15    |
| 1-1/2" | RVX015015B     | \$222.05   | RVX0150PAK             | \$73.70    | RVX0150PAKE             | \$58.80    | RVX115023  | \$164.35   | RVX1015018          | \$111.15   |
| 2"     | RVX020015B     | \$239.75   | RVX0200PAK             | \$92.15    | RVX0200PAKE             | \$73.70    | RVX1020023 | \$203.75   | RVX1020018          | \$146.70   |

\* CPVC, consult factory

## PR SERIES PRESSURE REGULATOR VALVE PARTS

| SIZE   | PVC*<br>SPRING** |            | FPM***<br>SEAT & SEAL KIT |            | STEM      |            | PISTON     |            |
|--------|------------------|------------|---------------------------|------------|-----------|------------|------------|------------|
|        | PART NO.         | LIST PRICE | PART NO.                  | LIST PRICE | PART NO.  | LIST PRICE | PART NO.   | LIST PRICE |
| 1/4"   | RVX010015B       | \$185.55   | PRX0075PAK                | \$94.95    | PRX100755 | \$153.80   | PRX1007523 | \$82.50    |
| 1/2"   | RVX010015B       | \$185.55   | PRX0075PAK                | \$94.95    | PRX100755 | \$153.80   | PRX1007523 | \$82.50    |
| 3/4"   | RVX010015B       | \$185.55   | PRX0075PAK                | \$94.95    | PRX100755 | \$153.80   | PRX1007523 | \$82.50    |
| 1"     | PRX015015B       | \$221.85   | PRX0150PAK                | \$127.35   | PRX101505 | \$239.50   | PRX1015023 | \$153.80   |
| 1-1/2" | PRX015015B       | \$221.85   | PRX0150PAK                | \$127.35   | PRX101505 | \$239.50   | PRX1015023 | \$153.80   |

\* For CPVC, consult factory.

\*\* Spring Part # is for a KYNAR® coated spring. Kynar® is a registered trademark of Arkema, Inc.

\*\*\* EPDM, consult factory.

## AV SERIES ANGLE GLOBE VALVE PARTS

| SIZE   | FPM*<br>SEAT & SEAL KIT |            |
|--------|-------------------------|------------|
|        | PART NO.                | LIST PRICE |
| 1/4"   | AVX0025PAK              | \$26.70    |
| 1/2"   | AVX0050PAK              | \$28.25    |
| 3/4"   | AVX0075PAK              | \$28.55    |
| 1"     | AVX0100PAK              | \$31.45    |
| 1-1/2" | AVX0150PAK              | \$34.25    |
| 2"     | AVX0200PAK              | \$39.00    |

\* EPDM, consult factory

## PBV SERIES BACK PRESSURE VALVE PARTS

| SIZE   | PRESSURE SPRING<br>0 - 50 PSI |            | PRESSURE SPRING<br>10 - 150 PSI |            | PRESSURE SPRING<br>10 - 250 PSI |            |
|--------|-------------------------------|------------|---------------------------------|------------|---------------------------------|------------|
|        | PART NO.                      | LIST PRICE | PART NO.                        | LIST PRICE | PART NO.                        | LIST PRICE |
| 1/4"   | PBV0SPRNG050                  | \$30.60    | PBV1SPRNG050                    | \$30.60    | PBV2SPRNG050                    | \$30.60    |
| 1/2"   | PBV0SPRNG050                  | \$30.60    | PBV1SPRNG050                    | \$30.60    | PBV2SPRNG050                    | \$30.60    |
| 3/4"   | PBV0SPRNG100                  | \$52.95    | PBV1SPRNG100                    | \$52.95    | PBV2SPRNG100                    | \$52.95    |
| 1"     | PBV0SPRNG100                  | \$52.95    | PBV1SPRNG100                    | \$52.95    | PBV2SPRNG100                    | \$52.95    |
| 1-1/2" | N/A                           | -          | PBV1SPRNG200                    | \$89.45    | N/A                             | -          |
| 2"     | N/A                           | -          | PBV1SPRNG200                    | \$89.45    | N/A                             | -          |

| SIZE   | DIAPHRAGM<br>PTFE/EPDM |            | DIAPHRAGM<br>PTFE/FPM |            | REBUILD KIT<br>(Diaphragm PTFE/EPDM,<br>Compressor, Adjustment<br>Screw, Spring 10 - 150 psi) |            |
|--------|------------------------|------------|-----------------------|------------|-----------------------------------------------------------------------------------------------|------------|
|        | PART NO.               | LIST PRICE | PART NO.              | LIST PRICE | PART NO.                                                                                      | LIST PRICE |
| 1/4"   | PBVDIAPE050            | \$42.35    | PBVDIAPV050           | \$56.50    | PBVKITPE037                                                                                   | \$102.40   |
| 1/2"   | PBVDIAPE050            | \$42.35    | PBVDIAPV050           | \$56.50    | PBVKITPE037                                                                                   | \$102.40   |
| 3/4"   | PBVDIAPE100            | \$83.55    | PBVDIAPV100           | \$98.85    | PBVKITPE100                                                                                   | \$170.65   |
| 1"     | PBVDIAPE100            | \$83.55    | PBVDIAPV100           | \$98.85    | PBVKITPE100                                                                                   | \$170.65   |
| 1-1/2" | PBVDIAPE200            | \$109.45   | PBVDIAPV200           | \$164.80   | PBVKITPE200                                                                                   | \$223.65   |
| 2"     | PBVDIAPE200            | \$109.45   | PBVDIAPV200           | \$164.80   | PBVKITPE200                                                                                   | \$223.65   |



## BFAS SERIES BULKHEAD FITTINGS - SHORT PATTERN

*Bulkhead Fittings are used to make quick and easy piping connections to tanks.  
PVC / EPDM 1/2" - 4" Now NSF/ANSI61 listed.*



PVC/EPDM 1/2" - 3"

### PVC FPM

| SIZE   | END CONN.   | PART NO.    | LIST PRICE      |
|--------|-------------|-------------|-----------------|
| 1/2"   | Skt. x Thd. | BFAS1005CFS | <b>\$29.15</b>  |
|        | Thd. x Thd. | BFAS1005TFS | <b>\$34.45</b>  |
| 3/4"   | Skt. x Thd. | BFAS1007CFS | <b>\$31.45</b>  |
|        | Thd. x Thd. | BFAS1007TFS | <b>\$36.95</b>  |
| 1"     | Skt. x Thd. | BFAS1010CFS | <b>\$35.95</b>  |
|        | Thd. x Thd. | BFAS1010TFS | <b>\$41.65</b>  |
| 1-1/4" | Skt. x Thd. | BFAS1012CFS | <b>\$43.00</b>  |
|        | Thd. x Thd. | BFAS1012TFS | <b>\$50.30</b>  |
| 1-1/2" | Skt. x Thd. | BFAS1015CFS | <b>\$43.00</b>  |
|        | Thd. x Thd. | BFAS1015TFS | <b>\$53.85</b>  |
| 2"     | Skt. x Thd. | BFAS1020CFS | <b>\$71.15</b>  |
|        | Thd. x Thd. | BFAS1020TFS | <b>\$81.45</b>  |
| 3"     | Skt. x Thd. | BFAS1030CFS | <b>\$126.95</b> |
|        | Thd. x Thd. | BFAS1030TFS | <b>\$140.55</b> |
| 4"     | Skt. x Thd. | BFAS1040CFS | <b>\$326.55</b> |
|        | Thd. x Thd. | BFAS1040TFS | <b>\$345.15</b> |

### PVC EPDM

| SIZE   | END CONN.   | PART NO.    | LIST PRICE      |
|--------|-------------|-------------|-----------------|
| 1/2"   | Skt. x Thd. | BFAS1005CES | <b>\$18.20</b>  |
|        | Thd. x Thd. | BFAS1005TES | <b>\$23.50</b>  |
| 3/4"   | Skt. x Thd. | BFAS1007CES | <b>\$20.15</b>  |
|        | Thd. x Thd. | BFAS1007TES | <b>\$25.80</b>  |
| 1"     | Skt. x Thd. | BFAS1010CES | <b>\$22.05</b>  |
|        | Thd. x Thd. | BFAS1010TES | <b>\$27.85</b>  |
| 1-1/4" | Skt. x Thd. | BFAS1012CES | <b>\$29.30</b>  |
|        | Thd. x Thd. | BFAS1012TES | <b>\$37.90</b>  |
| 1-1/2" | Skt. x Thd. | BFAS1015CES | <b>\$29.30</b>  |
|        | Thd. x Thd. | BFAS1015TES | <b>\$40.20</b>  |
| 2"     | Skt. x Thd. | BFAS1020CES | <b>\$43.65</b>  |
|        | Thd. x Thd. | BFAS1020TES | <b>\$53.55</b>  |
| 3"     | Skt. x Thd. | BFAS1030CES | <b>\$81.70</b>  |
|        | Thd. x Thd. | BFAS1030TES | <b>\$95.10</b>  |
| 4"     | Skt. x Thd. | BFAS1040CES | <b>\$160.60</b> |
|        | Thd. x Thd. | BFAS1040TES | <b>\$179.45</b> |

### CPVC FPM

| SIZE   | END CONN.   | PART NO.    | LIST PRICE      |
|--------|-------------|-------------|-----------------|
| 1/2"   | Skt. x Thd. | BFAS2005CFS | <b>\$35.50</b>  |
| 3/4"   | Skt. x Thd. | BFAS2007CFS | <b>\$40.20</b>  |
| 1"     | Skt. x Thd. | BFAS2010CFS | <b>\$46.95</b>  |
| 1-1/4" | Skt. x Thd. | BFAS2012CFS | <b>\$47.25</b>  |
| 1-1/2" | Skt. x Thd. | BFAS2015CFS | <b>\$58.95</b>  |
| 2"     | Skt. x Thd. | BFAS2020CFS | <b>\$91.55</b>  |
| 3"     | Skt. x Thd. | BFAS2030CFS | <b>\$159.20</b> |
| 4"     | Skt. x Thd. | BFAS2040CFS | <b>\$355.70</b> |

### CPVC EPDM

| SIZE   | END CONN.   | PART NO.    | LIST PRICE      |
|--------|-------------|-------------|-----------------|
| 1/2"   | Skt. x Thd. | BFAS2005CES | <b>\$24.55</b>  |
| 3/4"   | Skt. x Thd. | BFAS2007CES | <b>\$29.05</b>  |
| 1"     | Skt. x Thd. | BFAS2010CES | <b>\$33.30</b>  |
| 1-1/4" | Skt. x Thd. | BFAS2012CES | <b>\$36.25</b>  |
| 1-1/2" | Skt. x Thd. | BFAS2015CES | <b>\$45.30</b>  |
| 2"     | Skt. x Thd. | BFAS2020CES | <b>\$64.05</b>  |
| 3"     | Skt. x Thd. | BFAS2030CES | <b>\$112.50</b> |
| 4"     | Skt. x Thd. | BFAS2040CES | <b>\$189.60</b> |

### PP FPM

| SIZE   | END CONN.   | PART NO.    | LIST PRICE      |
|--------|-------------|-------------|-----------------|
| 1/2"   | Thd. x Thd. | BFAS3005TFS | <b>\$41.95</b>  |
| 3/4"   | Thd. x Thd. | BFAS3007TFS | <b>\$49.00</b>  |
| 1"     | Thd. x Thd. | BFAS3010TFS | <b>\$62.90</b>  |
| 1-1/4" | Thd. x Thd. | BFAS3012TFS | <b>\$76.15</b>  |
| 1-1/2" | Thd. x Thd. | BFAS3015TFS | <b>\$76.15</b>  |
| 2"     | Thd. x Thd. | BFAS3020TFS | <b>\$124.40</b> |
| 3"     | Thd. x Thd. | BFAS3030TFS | <b>\$222.55</b> |
| 4"     | Thd. x Thd. | BFAS3040TFS | <b>\$391.95</b> |

### PP EPDM

| SIZE   | END CONN.   | PART NO.    | LIST PRICE      |
|--------|-------------|-------------|-----------------|
| 1/2"   | Thd. x Thd. | BFAS3005TES | <b>\$31.85</b>  |
| 3/4"   | Thd. x Thd. | BFAS3007TES | <b>\$38.10</b>  |
| 1"     | Thd. x Thd. | BFAS3010TES | <b>\$49.00</b>  |
| 1-1/4" | Thd. x Thd. | BFAS3012TES | <b>\$62.40</b>  |
| 1-1/2" | Thd. x Thd. | BFAS3015TES | <b>\$62.40</b>  |
| 2"     | Thd. x Thd. | BFAS3020TES | <b>\$96.85</b>  |
| 3"     | Thd. x Thd. | BFAS3030TES | <b>\$194.40</b> |
| 4"     | Thd. x Thd. | BFAS3040TES | <b>\$363.80</b> |



# BFA SERIES BULKHEAD FITTINGS STANDARD FLANGE

*Bulkhead Fittings are used to make quick and easy piping connections to tanks.*



## PVC FPM

| SIZE   | END CONN.   | PART NO.   | LIST PRICE | SIZE   | END CONN.   | PART NO.   | LIST PRICE |
|--------|-------------|------------|------------|--------|-------------|------------|------------|
| 1/2"   | Skt. x Thd. | BFA1005CFS | \$29.15    | 1-1/2" | Skt. x Thd. | BFA1015CFS | \$43.00    |
|        | Skt. x Skt. | BFA1005SFS | \$29.15    |        | Skt. x Skt. | BFA1015SFS | \$43.00    |
|        | Thd. x Thd. | BFA1005TFS | \$34.45    |        | Thd. x Thd. | BFA1015TFS | \$53.85    |
| 3/4"   | Skt. x Thd. | BFA1007CFS | \$31.45    | 2"     | Skt. x Thd. | BFA1020CFS | \$71.15    |
|        | Skt. x Skt. | BFA1007SFS | \$31.45    |        | Skt. x Skt. | BFA1020SFS | \$71.15    |
|        | Thd. x Thd. | BFA1007TFS | \$36.95    |        | Thd. x Thd. | BFA1020TFS | \$81.45    |
| 1"     | Skt. x Thd. | BFA1010CFS | \$35.95    | 3"     | Skt. x Thd. | BFA1030CFS | \$128.20   |
|        | Skt. x Skt. | BFA1010SFS | \$35.95    |        | Skt. x Skt. | BFA1030SFS | \$128.20   |
|        | Thd. x Thd. | BFA1010TFS | \$41.65    |        | Thd. x Thd. | BFA1030TFS | \$141.85   |
| 1-1/4" | Skt. x Thd. | BFA1012CFS | \$43.00    | 4"     | Skt. x Thd. | BFA1040CFS | \$329.75   |
|        | Skt. x Skt. | BFA1012SFS | \$43.00    |        | Skt. x Skt. | BFA1040SFS | \$329.75   |
|        | Thd. x Thd. | BFA1012TFS | \$50.30    |        | Thd. x Thd. | BFA1040TFS | \$348.50   |
|        |             |            |            | 6"     | Skt. x Thd. | BFA1060CFS | \$642.05   |
|        |             |            |            |        | Skt. x Skt. | BFA1060SFS | \$642.05   |
|        |             |            |            |        | Thd. x Thd. | BFA1060TFS | \$642.05   |

## PVC EPDM

| SIZE   | END CONN.   | PART NO.   | LIST PRICE | SIZE   | END CONN.   | PART NO.   | LIST PRICE |
|--------|-------------|------------|------------|--------|-------------|------------|------------|
| 1/2"   | Skt. x Thd. | BFA1005CES | \$18.20    | 1-1/2" | Skt. x Thd. | BFA1015CES | \$29.30    |
|        | Skt. x Skt. | BFA1005SES | \$18.20    |        | Skt. x Skt. | BFA1015SES | \$29.30    |
|        | Thd. x Thd. | BFA1005TES | \$23.50    |        | Thd. x Thd. | BFA1015TES | \$40.20    |
| 3/4"   | Skt. x Thd. | BFA1007CES | \$20.15    | 2"     | Skt. x Thd. | BFA1020CES | \$43.65    |
|        | Skt. x Skt. | BFA1007SES | \$20.15    |        | Skt. x Skt. | BFA1020SES | \$43.65    |
|        | Thd. x Thd. | BFA1007TES | \$25.80    |        | Thd. x Thd. | BFA1020TES | \$53.55    |
| 1"     | Skt. x Thd. | BFA1010CES | \$22.05    | 3"     | Skt. x Thd. | BFA1030CES | \$81.70    |
|        | Skt. x Skt. | BFA1010SES | \$22.05    |        | Skt. x Skt. | BFA1030SES | \$81.70    |
|        | Thd. x Thd. | BFA1010TES | \$27.85    |        | Thd. x Thd. | BFA1030TES | \$95.10    |
| 1-1/4" | Skt. x Thd. | BFA1012CES | \$29.30    | 4"     | Skt. x Thd. | BFA1040CES | \$160.60   |
|        | Skt. x Skt. | BFA1012SES | \$29.30    |        | Skt. x Skt. | BFA1040SES | \$160.60   |
|        | Thd. x Thd. | BFA1012TES | \$37.90    |        | Thd. x Thd. | BFA1040TES | \$179.45   |
|        |             |            |            | 6"     | Skt. x Thd. | BFA1060CES | \$419.55   |
|        |             |            |            |        | Skt. x Skt. | BFA1060SES | \$419.55   |
|        |             |            |            |        | Thd. x Thd. | BFA1060TES | \$419.55   |

## PP FPM

| SIZE   | END CONN.   | PART NO.   | LIST PRICE | SIZE   | END CONN.   | PART NO.   | LIST PRICE |
|--------|-------------|------------|------------|--------|-------------|------------|------------|
| 1/2"   | Thd. x Thd. | BFA3005TFS | \$41.95    | 1-1/2" | Thd. x Thd. | BFA3015TFS | \$76.15    |
| 3/4"   | Thd. x Thd. | BFA3007TFS | \$49.00    | 2"     | Thd. x Thd. | BFA3020TFS | \$124.40   |
| 1"     | Thd. x Thd. | BFA3010TFS | \$62.90    | 3"     | Thd. x Thd. | BFA3030TFS | \$222.55   |
| 1-1/4" | Thd. x Thd. | BFA3012TFS | \$76.15    | 4"     | Thd. x Thd. | BFA3040TFS | \$391.95   |
|        |             |            |            | 6"     | Thd. x Thd. | BFA3060TFS | \$1,023.65 |



## BFA SERIES BULKHEAD FITTINGS STANDARD FLANGE (cont.)

*Bulkhead Fittings are used to make quick and easy piping connections to tanks.*

### PP EPDM

| SIZE   | END CONN.   | PART NO.   | LIST PRICE | SIZE   | END CONN.   | PART NO.   | LIST PRICE |
|--------|-------------|------------|------------|--------|-------------|------------|------------|
| 1/2"   | Thd. x Thd. | BFA3005TES | \$31.85    | 1-1/2" | Thd. x Thd. | BFA3015TES | \$62.40    |
| 3/4"   | Thd. x Thd. | BFA3007TES | \$38.10    | 2"     | Thd. x Thd. | BFA3020TES | \$96.85    |
| 1"     | Thd. x Thd. | BFA3010TES | \$49.00    | 3"     | Thd. x Thd. | BFA3030TES | \$194.40   |
| 1-1/4" | Thd. x Thd. | BFA3012TES | \$62.40    | 4"     | Thd. x Thd. | BFA3040TES | \$363.80   |
|        |             |            |            | 6"     | Thd. x Thd. | BFA3060TES | \$552.65   |

### CPVC FPM

| SIZE   | END CONN.   | PART NO.   | LIST PRICE | SIZE   | END CONN.   | PART NO.   | LIST PRICE |
|--------|-------------|------------|------------|--------|-------------|------------|------------|
| 1/2"   | Skt. x Thd. | BFA2005CFS | \$35.50    | 1-1/2" | Skt. x Thd. | BFA2015CFS | \$58.95    |
|        | Skt. x Skt. | BFA2005SFS | \$35.50    |        | Skt. x Skt. | BFA2015SFS | \$58.95    |
|        | Thd. x Thd. | BFA2005TFS | \$44.55    |        | Thd. x Thd. | BFA2015TFS | \$79.25    |
| 3/4"   | Skt. x Thd. | BFA2007CFS | \$40.20    | 2"     | Skt. x Thd. | BFA2020CFS | \$91.55    |
|        | Skt. x Skt. | BFA2007SFS | \$40.20    |        | Skt. x Skt. | BFA2020SFS | \$91.55    |
|        | Thd. x Thd. | BFA2007TFS | \$50.10    |        | Thd. x Thd. | BFA2020TFS | \$103.35   |
| 1"     | Skt. x Thd. | BFA2010CFS | \$46.95    | 3"     | Skt. x Thd. | BFA2030CFS | \$159.20   |
|        | Skt. x Skt. | BFA2010SFS | \$46.95    |        | Skt. x Skt. | BFA2030SFS | \$159.20   |
|        | Thd. x Thd. | BFA2010TFS | \$53.40    |        | Thd. x Thd. | BFA2030TFS | \$180.50   |
| 1-1/4" | Skt. x Thd. | BFA2012CFS | \$58.95    | 4"     | Skt. x Thd. | BFA2040CFS | \$355.70   |
|        | Skt. x Skt. | BFA2012SFS | \$58.95    |        | Skt. x Skt. | BFA2040SFS | \$355.70   |
|        | Thd. x Thd. | BFA2012TFS | \$79.25    |        | Thd. x Thd. | BFA2040TFS | \$382.60   |
|        |             |            |            | 6"     | Skt. x Thd. | BFA2060CFS | \$1,043.30 |
|        |             |            |            |        | Skt. x Skt. | BFA2060SFS | \$1,043.30 |
|        |             |            |            |        | Thd. x Thd. | BFA2060TFS | \$1,043.30 |

### CPVC EPDM

| SIZE   | END CONN.   | PART NO.   | LIST PRICE | SIZE   | END CONN.   | PART NO.   | LIST PRICE |
|--------|-------------|------------|------------|--------|-------------|------------|------------|
| 1/2"   | Skt. x Thd. | BFA2005CES | \$24.55    | 1-1/2" | Skt. x Thd. | BFA2015CES | \$45.30    |
|        | Skt. x Skt. | BFA2005SES | \$24.55    |        | Skt. x Skt. | BFA2015SES | \$45.30    |
|        | Thd. x Thd. | BFA2005TES | \$30.95    |        | Thd. x Thd. | BFA2015TES | \$61.05    |
| 3/4"   | Skt. x Thd. | BFA2007CES | \$29.05    | 2"     | Skt. x Thd. | BFA2020CES | \$64.05    |
|        | Skt. x Skt. | BFA2007SES | \$29.05    |        | Skt. x Skt. | BFA2020SES | \$64.05    |
|        | Thd. x Thd. | BFA2007TES | \$36.10    |        | Thd. x Thd. | BFA2020TES | \$76.15    |
| 1"     | Skt. x Thd. | BFA2010CES | \$33.30    | 3"     | Skt. x Thd. | BFA2030CES | \$112.50   |
|        | Skt. x Skt. | BFA2010SES | \$33.30    |        | Skt. x Skt. | BFA2030SES | \$112.50   |
|        | Thd. x Thd. | BFA2010TES | \$39.80    |        | Thd. x Thd. | BFA2030TES | \$131.25   |
| 1-1/4" | Skt. x Thd. | BFA2012CES | \$45.30    | 4"     | Skt. x Thd. | BFA2040CES | \$189.60   |
|        | Skt. x Skt. | BFA2012SES | \$45.30    |        | Skt. x Skt. | BFA2040SES | \$189.60   |
|        | Thd. x Thd. | BFA2012TES | \$61.05    |        | Thd. x Thd. | BFA2040TES | \$208.50   |
|        |             |            |            | 6"     | Skt. x Thd. | BFA2060CES | \$563.30   |
|        |             |            |            |        | Skt. x Skt. | BFA2060SES | \$563.30   |
|        |             |            |            |        | Thd. x Thd. | BFA2060TES | \$563.30   |



## BFA SERIES BULKHEAD FITTINGS LARGE FLANGE

*Bulkhead Fittings are used to make quick and easy piping connections to tanks.*

### PVC FPM

| SIZE | END CONN.   | PART NO.   | LIST PRICE     |
|------|-------------|------------|----------------|
| 1/2" | Skt. x Thd. | BFA1005CFL | <b>\$36.70</b> |
|      | Skt. x Skt. | BFA1005SFL | <b>\$36.70</b> |
|      | Thd. x Thd. | BFA1005TFL | <b>\$36.70</b> |
| 3/4" | Skt. x Thd. | BFA1007CFL | <b>\$39.50</b> |
|      | Skt. x Skt. | BFA1007SFL | <b>\$39.50</b> |
|      | Thd. x Thd. | BFA1007TFL | <b>\$39.50</b> |
| 1"   | Skt. x Thd. | BFA1010CFL | <b>\$44.45</b> |
|      | Skt. x Skt. | BFA1010SFL | <b>\$44.45</b> |
|      | Thd. x Thd. | BFA1010TFL | <b>\$44.45</b> |

### PVC EPDM

| SIZE | END CONN.   | PART NO.   | LIST PRICE     |
|------|-------------|------------|----------------|
| 1/2" | Skt. x Thd. | BFA1005CEL | <b>\$24.95</b> |
|      | Skt. x Skt. | BFA1005SEL | <b>\$24.95</b> |
|      | Thd. x Thd. | BFA1005TEL | <b>\$24.95</b> |
| 3/4" | Skt. x Thd. | BFA1007CEL | <b>\$27.40</b> |
|      | Skt. x Skt. | BFA1007SEL | <b>\$27.40</b> |
|      | Thd. x Thd. | BFA1007TEL | <b>\$27.40</b> |
| 1"   | Skt. x Thd. | BFA1010CEL | <b>\$29.80</b> |
|      | Skt. x Skt. | BFA1010SEL | <b>\$29.80</b> |
|      | Thd. x Thd. | BFA1010TEL | <b>\$29.80</b> |

### CPVC FPM

| SIZE | END CONN.   | PART NO.   | LIST PRICE     |
|------|-------------|------------|----------------|
| 1/2" | Skt. x Thd. | BFA2005CFL | <b>\$49.10</b> |
|      | Skt. x Skt. | BFA2005SFL | <b>\$49.10</b> |
|      | Thd. x Thd. | BFA2005TFL | <b>\$49.10</b> |
| 3/4" | Skt. x Thd. | BFA2007CFL | <b>\$55.00</b> |
|      | Skt. x Skt. | BFA2007SFL | <b>\$55.00</b> |
|      | Thd. x Thd. | BFA2007TFL | <b>\$55.00</b> |
| 1"   | Skt. x Thd. | BFA2010CFL | <b>\$58.75</b> |
|      | Skt. x Skt. | BFA2010SFL | <b>\$58.75</b> |
|      | Thd. x Thd. | BFA2010TFL | <b>\$58.75</b> |

### CPVC EPDM

| SIZE | END CONN.   | PART NO.   | LIST PRICE     |
|------|-------------|------------|----------------|
| 1/2" | Skt. x Thd. | BFA2005CEL | <b>\$34.15</b> |
|      | Skt. x Skt. | BFA2005SEL | <b>\$34.15</b> |
|      | Thd. x Thd. | BFA2005TEL | <b>\$34.15</b> |
| 3/4" | Skt. x Thd. | BFA2007CEL | <b>\$39.65</b> |
|      | Skt. x Skt. | BFA2007SEL | <b>\$39.65</b> |
|      | Thd. x Thd. | BFA2007TEL | <b>\$39.65</b> |
| 1"   | Skt. x Thd. | BFA2010CEL | <b>\$43.90</b> |
|      | Skt. x Skt. | BFA2010SEL | <b>\$43.90</b> |
|      | Thd. x Thd. | BFA2010TEL | <b>\$43.90</b> |

### PP FPM

| SIZE | END CONN.   | PART NO.   | LIST PRICE     |
|------|-------------|------------|----------------|
| 1/2" | Thd. x Thd. | BFA3005TFL | <b>\$44.80</b> |
| 3/4" | Thd. x Thd. | BFA3007TFL | <b>\$52.25</b> |
| 1"   | Thd. x Thd. | BFA3010TFL | <b>\$67.10</b> |

### PP EPDM

| SIZE | END CONN.   | PART NO.   | LIST PRICE     |
|------|-------------|------------|----------------|
| 1/2" | Thd. x Thd. | BFA3005TEL | <b>\$34.15</b> |
| 3/4" | Thd. x Thd. | BFA3007TEL | <b>\$40.80</b> |
| 1"   | Thd. x Thd. | BFA3010TEL | <b>\$52.25</b> |



## CCP SERIES TANK-TITE™\*

Tank-Tite™ compression rings are made in PVC with 17.4 SS springs, and are used to provide a constant load on the gasket of the bulkhead fitting, eliminating the need to retighten the fitting! Works with BFAS & BFA Series, all material types.

### PVC

| SIZE            | DESCRIPTION                       | PART NO. | LIST PRICE |
|-----------------|-----------------------------------|----------|------------|
| 1/2"            | Compression Ring with 17-7 Spring | CCP1005  | \$21.85    |
| 3/4"            | Compression Ring with 17-7 Spring | CCP1007  | \$25.55    |
| 1"              | Compression Ring with 17-7 Spring | CCP1010  | \$27.00    |
| 1-1/4" - 1-1/2" | Compression Ring with 17-7 Spring | CCP1015  | \$39.20    |
| 2"              | Compression Ring with 17-7 Spring | CCP1020  | \$45.10    |
| 3"              | Compression Ring with 17-7 Spring | CCP1030  | \$73.10    |

\* Bulkhead Fitting must be purchased separately.



## SF SERIES SELF-ALIGNING BULKHEAD FITTINGS

Self-aligning Bulkhead Fittings are used to make piping connections to the top of domed tanks. Made with EPDM gaskets. Other sizes upon request, contact Hayward for availability and pricing.

### PVC - EPDM

| SIZE | END CONN.       | PART NO. | LIST PRICE |
|------|-----------------|----------|------------|
| 1"   | Thread x Thread | SF10100T | \$141.90   |
| 2"   | Thread x Thread | SF10200T | \$215.25   |
| 3"   | Thread x Thread | SF10300T | \$333.25   |

### PVC - FPM

| SIZE | END CONN.       | PART NO.  | LIST PRICE |
|------|-----------------|-----------|------------|
| 1"   | Thread x Thread | SF10100TV | \$163.90   |
| 2"   | Thread x Thread | SF10200TV | \$244.85   |
| 3"   | Thread x Thread | SF10300TV | \$372.10   |



## "READY FLANGES"\*

Easily converts threaded or socket end connections. Conforms to ANSI 150# bolt pattern.

\*These flanges convert socket to flanged. For threaded to flanged conversion options, consult factory.

### PVC

| SIZE   | END CONN. | PART NO.    | LIST PRICE | SIZE | END CONN. | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|------|-----------|-------------|------------|
| 1"     | Flanged   | BVX10100PGN | \$25.80    | 2"   | Flanged   | BVX10200PGN | \$47.15    |
| 1-1/2" | Flanged   | BVX10150PGN | \$38.65    | 3"   | Flanged   | BVX10300PGN | \$116.15   |
|        |           |             |            | 4"   | Flanged   | BVX10400PGN | \$163.35   |

### CPVC

| SIZE   | END CONN. | PART NO.    | LIST PRICE | SIZE | END CONN. | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|------|-----------|-------------|------------|
| 1"     | Flanged   | BVX90100PGN | \$29.05    | 2"   | Flanged   | BVX90200PGN | \$53.20    |
| 1-1/2" | Flanged   | BVX90150PGN | \$43.55    | 3"   | Flanged   | BVX90300PGN | \$132.35   |
|        |           |             |            | 4"   | Flanged   | BVX90400PGN | \$186.20   |

### GFPP

| SIZE   | END CONN. | PART NO.    | LIST PRICE | SIZE | END CONN. | PART NO.    | LIST PRICE |
|--------|-----------|-------------|------------|------|-----------|-------------|------------|
| 1"     | Flanged   | BVX40100PGN | \$27.30    | 2"   | Flanged   | BVX40200PGN | \$49.90    |
| 1-1/2" | Flanged   | BVX40150PGN | \$40.85    | 3"   | Flanged   | BVX40300PGN | \$125.45   |
|        |           |             |            | 4"   | Flanged   | BVX40400PGN | \$176.35   |



## TANK ADAPTER FITTINGS

1/2" to 4" GFPP - Thread x Thread

The new black GFPP tank adapter fitting offers safe, quick pipe connection to standard wall thermoplastic and metal tanks. EPDM Gasket Seal Only.

### GFPP - EPDM

| SIZE   | END CONN.   | PART NO.    | LIST PRICE |
|--------|-------------|-------------|------------|
| 1/2"   | Thd. x Thd. | BFAS4005TES | \$15.50    |
| 3/4"   | Thd. x Thd. | BFAS4007TES | \$15.50    |
| 1"     | Thd. x Thd. | BFAS4010TES | \$18.75    |
| 1-1/4" | Thd. x Thd. | BFAS4012TES | \$24.90    |
| 1-1/2" | Thd. x Thd. | BFAS4015TES | \$24.90    |
| 2"     | Thd. x Thd. | BFAS4020TES | \$37.10    |
| 3"     | Thd. x Thd. | BFAS4030TES | \$69.45    |
| 4"     | Thd. x Thd. | BFAS4040TES | \$136.55   |

# BFA/BFAS BULKHEAD FITTING GASKETS

Gaskets shown below will fit the BF/BFA/BFAS Series. BF Series Bulkhead Fittings (DISCONTINUED) have separate sizes for 1-1/4" & 1-1/2" **ONLY**.

## STANDARD FLANGE

| SIZE    | FPM GASKETS |            | EPDM GASKETS |            |
|---------|-------------|------------|--------------|------------|
|         | PART NO.    | LIST PRICE | PART NO.     | LIST PRICE |
| 1/2"    | BFXAGST005F | \$15.00    | BFXAGST005E  | \$3.65     |
| 3/4"    | BFXAGST007F | \$16.10    | BFXAGST007E  | \$3.65     |
| 1"      | BFXAGST010F | \$18.70    | BFXAGST010E  | \$4.75     |
| 1-1/4"* | BFXAGST015F | \$18.70    | BFXAGST015E  | \$4.75     |
| 1-1/2"* | BFXAGST015F | \$18.70    | BFXAGST015E  | \$4.75     |
| 2"      | BFXAGST020F | \$41.15    | BFXAGST020E  | \$9.10     |
| 3"      | BFXAGST030F | \$53.50    | BFXAGST030E  | \$11.40    |
| 4"      | BFXAGST040F | \$193.20   | BFXAGST040E  | \$40.85    |
| 6"      | BFXAGST060F | \$205.55   | BFXAGST060E  | \$43.50    |

\* Fits BFA/BFAS Series **ONLY**. See BF Series table below for these size replacements in BF Series.

## LARGE FLANGE

| SIZE | FPM GASKETS  |            | EPDM GASKETS |            |
|------|--------------|------------|--------------|------------|
|      | PART NO.     | LIST PRICE | PART NO.     | LIST PRICE |
| 1/2" | BFXAGST005FL | \$16.40    | BFXAGST005EL | \$4.00     |
| 3/4" | BFXAGST007FL | \$17.65    | BFXAGST007EL | \$4.00     |
| 1"   | BFXAGST010FL | \$20.35    | BFXAGST010EL | \$5.30     |

## BF SERIES ONLY

| SIZE   | FPM GASKETS |            | EPDM GASKETS |            |
|--------|-------------|------------|--------------|------------|
|        | PART NO.    | LIST PRICE | PART NO.     | LIST PRICE |
| 1-1/4" | BFXV150PP   | \$18.70    | BFXV0150PP   | \$4.75     |
| 1-1/2" | BFXV150PP   | \$18.70    | BFXV0150PP   | \$4.75     |



## SB SERIES SIMPLEX BASKET STRAINERS

All Simplex Basket Strainers are assembled with silicone free lubricant.

Each Simplex Basket Strainer includes one plastic basket. If perforation is not specified, then standard basket perforation\* will be shipped.

For 316 SSTL basket options, see page 103.



### PVC FPM O-RINGS

| SIZE                                                                                                                                                                                                                                                     | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|--------|-----------|----------|------------|
| 1/2"                                                                                                                                                                                                                                                     | Skt/Thd** | SB1050ST | \$380.95   | 2"     | Skt/Thd** | SB1200ST | \$657.00   |
|                                                                                                                                                                                                                                                          | Flanged   | SB1050F  | \$437.95   |        | Flanged   | SB1200F  | \$780.90   |
| 3/4"                                                                                                                                                                                                                                                     | Skt/Thd** | SB1075ST | \$380.95   | 2-1/2" | Threaded  | SB1250T  | \$1,680.10 |
|                                                                                                                                                                                                                                                          | Flanged   | SB1075F  | \$437.95   |        | Socket    | SB1250S  | \$1,680.10 |
| 1"                                                                                                                                                                                                                                                       | Skt/Thd** | SB1100ST | \$380.95   |        | Flanged   | SB1250F  | \$1,864.50 |
|                                                                                                                                                                                                                                                          | Flanged   | SB1100F  | \$437.95   | 3"     | Threaded  | SB1300T  | \$1,680.10 |
| 1-1/4"                                                                                                                                                                                                                                                   | Skt/Thd** | SB1125ST | \$657.00   |        | Socket    | SB1300S  | \$1,680.10 |
|                                                                                                                                                                                                                                                          | Flanged   | SB1125F  | \$780.90   |        | Flanged   | SB1300F  | \$1,909.55 |
| 1-1/2"                                                                                                                                                                                                                                                   | Skt/Thd** | SB1150ST | \$657.00   | 4"     | Threaded  | SB1400T  | \$1,680.10 |
|                                                                                                                                                                                                                                                          | Flanged   | SB1150F  | \$780.90   |        | Socket    | SB1400S  | \$1,680.10 |
| <div>* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".</div> <div>** 1/2" thru 2" PVC Strainers are supplied with both socket and threaded end connectors.</div> |           |          |            |        | Flanged   | SB1400F  | \$2,106.75 |
|                                                                                                                                                                                                                                                          |           |          |            | 6"     | Flanged   | SB1600FT | \$4,821.15 |
|                                                                                                                                                                                                                                                          |           |          |            | 8"     | Flanged   | SB1800FT | \$6,351.35 |

### PVC EPDM O-RINGS

| SIZE                                                                                                                                                                                                                                  | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|--------|-----------|-----------|------------|
| 1/2"                                                                                                                                                                                                                                  | Skt/Thd** | SB1050STE | \$361.95   | 2"     | Skt/Thd** | SB1200STE | \$625.05   |
|                                                                                                                                                                                                                                       | Flanged   | SB1050FE  | \$417.15   |        | Flanged   | SB1200FE  | \$742.75   |
| 3/4"                                                                                                                                                                                                                                  | Skt/Thd** | SB1075STE | \$361.95   | 2-1/2" | Threaded  | SB1250TE  | \$1,596.25 |
|                                                                                                                                                                                                                                       | Flanged   | SB1075FE  | \$417.15   |        | Socket    | SB1250SE  | \$1,596.25 |
| 1"                                                                                                                                                                                                                                    | Skt/Thd** | SB1100STE | \$361.95   |        | Flanged   | SB1250FE  | \$1,771.05 |
|                                                                                                                                                                                                                                       | Flanged   | SB1100FE  | \$417.15   | 3"     | Threaded  | SB1300TE  | \$1,596.25 |
| 1-1/4"                                                                                                                                                                                                                                | Skt/Thd** | SB1125STE | \$625.05   |        | Socket    | SB1300SE  | \$1,596.25 |
|                                                                                                                                                                                                                                       | Flanged   | SB1125FE  | \$742.75   |        | Flanged   | SB1300FE  | \$1,814.25 |
| 1-1/2"                                                                                                                                                                                                                                | Skt/Thd** | SB1150STE | \$625.05   | 4"     | Threaded  | SB1400TE  | \$1,596.25 |
|                                                                                                                                                                                                                                       | Flanged   | SB1150FE  | \$742.75   |        | Socket    | SB1400SE  | \$1,596.25 |
| * For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".<br>** 1/2" thru 2" PVC Strainers are supplied with both socket and threaded end connectors. |           |           |            |        | Flanged   | SB1400FE  | \$2,015.15 |
|                                                                                                                                                                                                                                       |           |           |            | 6"     | Flanged   | SB1600FTE | \$4,580.45 |
|                                                                                                                                                                                                                                       |           |           |            | 8"     | Flanged   | SB1800FTE | \$6,034.60 |





## SB SERIES SIMPLEX BASKET STRAINERS (cont.)

All Simplex Basket Strainers are assembled with silicone free lubricant.

Each Simplex Basket Strainer includes one plastic basket. If perforation is not specified, then standard basket perforation\* will be shipped.

For 316 SSTL basket options, see page 103.



### CPVC FPM O-RINGS

| SIZE                                                                                                                                                                                                                                                     | END CONN. | PART NO. | LIST PRICE | SIZE    | END CONN. | PART NO.   | LIST PRICE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|---------|-----------|------------|------------|
| 1/2"                                                                                                                                                                                                                                                     | Skt/Thd** | SB2050ST | \$604.20   | 2"      | Skt/Thd** | SB2200ST   | \$1,076.05 |
|                                                                                                                                                                                                                                                          | Flanged   | SB2050F  | \$662.60   |         | Flanged   | SB2200F    | \$1,212.05 |
| 3/4"                                                                                                                                                                                                                                                     | Skt/Thd** | SB2075ST | \$604.20   | 2-1/2"  | Threaded  | SB2250T    | \$2,385.00 |
|                                                                                                                                                                                                                                                          | Flanged   | SB2075F  | \$662.60   |         | Socket    | SB2250S    | \$2,385.00 |
| 1"                                                                                                                                                                                                                                                       | Skt/Thd** | SB2100ST | \$604.20   |         | Flanged   | SB2250F    | \$3,013.45 |
|                                                                                                                                                                                                                                                          | Flanged   | SB2100F  | \$662.60   | 3"      | Threaded  | SB2300T    | \$2,385.00 |
| 1-1/4"                                                                                                                                                                                                                                                   | Skt/Thd** | SB2125ST | \$1,076.05 |         | Socket    | SB2300S    | \$2,385.00 |
|                                                                                                                                                                                                                                                          | Flanged   | SB2125F  | \$1,212.05 | Flanged | SB2300F   | \$3,070.10 |            |
| 1-1/2"                                                                                                                                                                                                                                                   | Skt/Thd** | SB2150ST | \$1,076.05 | 4"      | Threaded  | SB2400T    | \$2,385.00 |
|                                                                                                                                                                                                                                                          | Flanged   | SB2150F  | \$1,212.05 |         | Socket    | SB2400S    | \$2,385.00 |
| <div>* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".</div> <div>** 1/2" thru 2" PVC Strainers are supplied with both socket and threaded end connectors.</div> |           |          |            |         | Flanged   | SB2400F    | \$3,172.45 |
|                                                                                                                                                                                                                                                          |           |          |            | 6"      | Flanged   | SB2600FT   | \$6,537.25 |
|                                                                                                                                                                                                                                                          |           |          |            | 8"      | Flanged   | SB2800FT   | \$8,613.25 |

BASKET STRAINERS

### CPVC EPDM O-RINGS

| SIZE                                                                                                                                                                                                                                                      | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|--------|-----------|-----------|------------|
| 1/2"                                                                                                                                                                                                                                                      | Skt/Thd** | SB2050STE | \$575.20   | 2"     | Skt/Thd** | SB2200STE | \$1,023.95 |
|                                                                                                                                                                                                                                                           | Flanged   | SB2050FE  | \$629.40   |        | Flanged   | SB2200FE  | \$1,152.05 |
| 3/4"                                                                                                                                                                                                                                                      | Skt/Thd** | SB2075STE | \$575.20   | 2-1/2" | Threaded  | SB2250TE  | \$2,266.90 |
|                                                                                                                                                                                                                                                           | Flanged   | SB2075FE  | \$629.40   |        | Socket    | SB2250SE  | \$2,266.90 |
| 1"                                                                                                                                                                                                                                                        | Skt/Thd** | SB2100STE | \$575.20   |        | Flanged   | SB2250FE  | \$2,863.40 |
|                                                                                                                                                                                                                                                           | Flanged   | SB2100FE  | \$629.40   | 3"     | Threaded  | SB2300TE  | \$2,266.90 |
| 1-1/4"                                                                                                                                                                                                                                                    | Skt/Thd** | SB2125STE | \$1,023.95 |        | Socket    | SB2300SE  | \$2,266.90 |
|                                                                                                                                                                                                                                                           | Flanged   | SB2125FE  | \$1,152.05 |        | Flanged   | SB2300FE  | \$2,918.30 |
| 1-1/2"                                                                                                                                                                                                                                                    | Skt/Thd** | SB2150STE | \$1,023.95 | 4"     | Threaded  | SB2400TE  | \$2,266.90 |
|                                                                                                                                                                                                                                                           | Flanged   | SB2150FE  | \$1,152.05 |        | Socket    | SB2400SE  | \$2,266.90 |
| <div>* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".</div> <div>** 1/2" thru 2" CPVC Strainers are supplied with both socket and threaded end connectors.</div> |           |           |            |        | Flanged   | SB2400FE  | \$3,015.30 |
|                                                                                                                                                                                                                                                           |           |           |            | 6"     | Flanged   | SB2600FTE | \$6,210.60 |
|                                                                                                                                                                                                                                                           |           |           |            | 8"     | Flanged   | SB2800FTE | \$8,182.55 |



## SB SERIES SIMPLEX BASKET STRAINERS (cont.)

All Simplex Basket Strainers are assembled with silicone free lubricant.

Each Simplex Basket Strainer includes one plastic basket. If perforation is not specified, then standard basket perforation\* will be shipped.

For 316 SSTL basket options, see page 103.

### GFPP FPM O-RINGS\*\*

| SIZE   | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|--------|-----------|----------|------------|
| 1/2"   | Threaded  | SB4050T  | \$450.20   | 2"     | Threaded  | SB4200T  | \$858.90   |
| 3/4"   | Threaded  | SB4075T  | \$498.10   |        | Flanged   | SB4200F  | \$957.00   |
| 1"     | Threaded  | SB4100T  | \$498.10   | 2-1/2" | Threaded  | SB4250T  | \$2,059.10 |
|        | Flanged   | SB4100F  | \$536.75   |        | Flanged   | SB4250F  | \$2,437.45 |
| 1-1/4" | Threaded  | SB4125T  | \$858.90   | 3"     | Threaded  | SB4300T  | \$2,059.10 |
|        | Flanged   | SB4125F  | \$957.00   |        | Flanged   | SB4300F  | \$2,496.30 |
| 1-1/2" | Threaded  | SB4150T  | \$858.90   | 4"     | Threaded  | SB4400T  | \$2,099.05 |
|        | Flanged   | SB4150F  | \$957.00   |        | Flanged   | SB4400F  | \$2,582.05 |

\* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".

\*\* EPDM available at same list price.



**NOW OFFERING  
SOCKET FUSION**

### PLATINUM GFPP FPM O-RINGS\*\*

| SIZE   | END CONN.  | PART NO.  | LIST PRICE | SIZE   | END CONN.  | PART NO.  | LIST PRICE |
|--------|------------|-----------|------------|--------|------------|-----------|------------|
| 1/2"   | Threaded   | SB4P050T  | \$450.20   | 1-1/2" | Threaded   | SB4P150T  | \$858.90   |
|        | Skt Fusion | SB4P050S  | \$450.20   |        | Flanged    | SB4P150F  | \$957.00   |
| DN15   | Skt Fusion | SB4P015MS | \$450.20   |        | Skt Fusion | SB4P150S  | \$858.90   |
| 3/4"   | Threaded   | SB4P075T  | \$498.10   | DN40   | Skt Fusion | SB4P040MS | \$858.90   |
|        | Skt Fusion | SB4P075S  | \$498.10   | 2"     | Threaded   | SB4P200T  | \$858.90   |
| DN20   | Skt Fusion | SB4P020MS | \$498.10   |        | Flanged    | SB4P200F  | \$957.00   |
| 1"     | Threaded   | SB4P100T  | \$498.10   |        | Skt Fusion | SB4P200S  | \$858.90   |
|        | Flanged    | SB4P100F  | \$536.75   | DN50   | Skt Fusion | SB4P050MS | \$858.90   |
|        | Skt Fusion | SB4P100S  | \$498.10   | 2-1/2" | Threaded   | SB4P250T  | \$2,059.10 |
| DN25   | Skt Fusion | SB4P025MS | \$498.10   |        | Flanged    | SB4P250F  | \$2,437.45 |
| 1-1/4" | Threaded   | SB4P125T  | \$858.90   |        | Skt Fusion | SB4P250S  | \$2,059.10 |
|        | Flanged    | SB4P125F  | \$957.00   | DN65   | Skt Fusion | SB4P065MS | \$2,059.10 |
|        | Skt Fusion | SB4P125S  | \$858.90   | 3"     | Threaded   | SB4P300T  | \$2,059.10 |
| DN32   | Skt Fusion | SB4P032MS | \$858.90   |        | Flanged    | SB4P300F  | \$2,496.30 |
|        |            |           |            |        | Skt Fusion | SB4P300S  | \$2,059.10 |
|        |            |           |            | DN80   | Skt Fusion | SB4P080MS | \$2,059.10 |
|        |            |           |            | 4"     | Threaded   | SB4P400T  | \$2,059.10 |
|        |            |           |            |        | Flanged    | SB4P400F  | \$2,582.05 |
|        |            |           |            |        | Skt Fusion | SB4P400S  | \$2,059.10 |
|        |            |           |            | DN100  | Skt Fusion | SB4P100MS | \$2,059.10 |

\* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".

\*\* EPDM available at same list price.



## SB SERIES SIMPLEX BASKET STRAINERS (cont.)

All Simplex Basket Strainers are assembled with silicone free lubricant.

Each Simplex Basket Strainer includes one plastic basket. If perforation is not specified, then standard basket perforation\* will be shipped.

For 316 SSTL basket options, see page 103.

### Eastar® FPM O-RINGS

| SIZE   | END CONN. | PART NO. | LIST PRICE        |
|--------|-----------|----------|-------------------|
| 1/2"   | Skt/Thd** | SBC050ST | <b>\$423.25</b>   |
|        | Flanged   | SBC050F  | <b>\$487.15</b>   |
| 3/4"   | Skt/Thd** | SBC075ST | <b>\$423.25</b>   |
|        | Flanged   | SBC075F  | <b>\$487.15</b>   |
| 1"     | Skt/Thd** | SBC100ST | <b>\$423.25</b>   |
|        | Flanged   | SBC100F  | <b>\$487.15</b>   |
| 1-1/4" | Skt/Thd** | SBC125ST | <b>\$730.90</b>   |
|        | Flanged   | SBC125F  | <b>\$867.75</b>   |
| 1-1/2" | Skt/Thd** | SBC150ST | <b>\$730.90</b>   |
|        | Flanged   | SBC150F  | <b>\$867.75</b>   |
| 2"     | Skt/Thd** | SBC200ST | <b>\$730.90</b>   |
|        | Flanged   | SBC200F  | <b>\$867.75</b>   |
| 3"     | Threaded  | SBC300T  | <b>\$1,869.35</b> |
|        | Socket    | SBC300S  | <b>\$1,869.35</b> |
|        | Flanged   | SBC300F  | <b>\$2,121.95</b> |
| 4"     | Threaded  | SBC400T  | <b>\$1,869.35</b> |
|        | Socket    | SBC400S  | <b>\$1,869.35</b> |
|        | Flanged   | SBC400F  | <b>\$2,341.15</b> |

### Eastar® EPDM O-RINGS

| SIZE   | END CONN. | PART NO.  | LIST PRICE        |
|--------|-----------|-----------|-------------------|
| 1/2"   | Skt/Thd** | SBC050STE | <b>\$402.05</b>   |
|        | Flanged   | SBC050FE  | <b>\$463.85</b>   |
| 3/4"   | Skt/Thd** | SBC075STE | <b>\$402.05</b>   |
|        | Flanged   | SBC075FE  | <b>\$463.85</b>   |
| 1"     | Skt/Thd** | SBC100STE | <b>\$402.05</b>   |
|        | Flanged   | SBC100FE  | <b>\$463.85</b>   |
| 1-1/4" | Skt/Thd** | SBC125STE | <b>\$694.65</b>   |
|        | Flanged   | SBC125FE  | <b>\$825.50</b>   |
| 1-1/2" | Skt/Thd** | SBC150STE | <b>\$694.65</b>   |
|        | Flanged   | SBC150FE  | <b>\$825.50</b>   |
| 2"     | Skt/Thd** | SBC200STE | <b>\$694.65</b>   |
|        | Flanged   | SBC200FE  | <b>\$825.50</b>   |
| 3"     | Threaded  | SBC300TE  | <b>\$1,776.45</b> |
|        | Socket    | SBC300SE  | <b>\$1,776.45</b> |
|        | Flanged   | SBC300FE  | <b>\$2,018.40</b> |
| 4"     | Threaded  | SBC400TE  | <b>\$1,776.45</b> |
|        | Socket    | SBC400SE  | <b>\$1,776.45</b> |
|        | Flanged   | SBC400FE  | <b>\$2,227.00</b> |

\* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/4" thru 2" Basket Strainers standard perforation is 1/8".

\*\* 1/2" thru 2" Strainers are supplied with both socket and threaded end connectors.



## DRAIN KIT FOR SB AND DB SERIES

*Ideal for a more robust drain solution on SB and DB Series Strainers.  
Includes Ball Valve with locking lever, drilled ball and nipple piece.*



### PVC - FPM

| STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1"     | 1/2"       | SBD115KITV | \$237.15   | 2-1/2" - 4"   | 3/4"       | SBD147KITV | \$278.35   |
| 1-1/4" - 2"   | 3/4"       | SBD127KITV | \$247.50   | 6"            | 1"         | SBD161KITV | \$382.90   |
|               |            |            |            | 8"            | 1"         | SBD181KITV | \$598.75   |

### PVC - EPDM

| STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1"     | 1/2"       | SBD115KITE | \$216.65   | 2-1/2" - 4"   | 3/4"       | SBD147KITE | \$257.70   |
| 1-1/4" - 2"   | 3/4"       | SBD127KITE | \$226.75   | 6"            | 1"         | SBD161KITE | \$381.40   |
|               |            |            |            | 8"            | 1"         | SBD181KITE | \$579.25   |

### CPVC - FPM

| STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1"     | 1/2"       | SBD215KITV | \$278.35   | 2-1/2" - 4"   | 3/4"       | SBD247KITV | \$319.55   |
| 1-1/4" - 2"   | 3/4"       | SBD227KITV | \$281.60   | 6"            | 1"         | SBD261KITV | \$443.25   |
|               |            |            |            | 8"            | 1"         | SBD281KITV | \$618.40   |

### CPVC - EPDM

| STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1"     | 1/2"       | SBD215KITE | \$268.00   | 2-1/2" - 4"   | 3/4"       | SBD247KITE | \$298.90   |
| 1-1/4" - 2"   | 3/4"       | SBD227KITE | \$257.70   | 6"            | 1"         | SBD261KITE | \$422.60   |
|               |            |            |            | 8"            | 1"         | SBD281KITE | \$638.05   |

### GFPP - FPM

| STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE |
|---------------|------------|------------|------------|
| 1/2" - 1"     | 1/2"       | SBD415KITV | \$319.65   |
| 1-1/4" - 2"   | 3/4"       | SBD427KITV | \$349.70   |
| 2-1/2" - 4"   | 3/4"       | SBD447KITV | \$360.80   |

### GFPP - EPDM

| STRAINER SIZE | VALVE SIZE | PART NO.   | LIST PRICE |
|---------------|------------|------------|------------|
| 1/2" - 1"     | 1/2"       | SBD415KITE | \$299.00   |
| 1-1/4" - 2"   | 3/4"       | SBD427KITE | \$299.00   |
| 2-1/2" - 4"   | 3/4"       | SBD447KITE | \$340.20   |



## DB SERIES DUPLEX BASKET STRAINERS

All Duplex Basket Strainers are assembled with silicone free lubricant.

Each Duplex Basket Strainer includes two plastic baskets. If perforation is not specified, then standard basket perforation\* will be shipped with strainer.

For 316 SSTL basket options, see page 103.

### PVC FPM O-RINGS

| SIZE   | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE  |
|--------|-----------|----------|------------|--------|-----------|----------|-------------|
| 1/2"   | Skt/Thd** | DB1050ST | \$1,826.75 | 2"     | Skt/Thd** | DB1200ST | \$2,844.20  |
|        | Flanged   | DB1050F  | \$1,870.60 |        | Flanged   | DB1200F  | \$2,952.50  |
| 3/4"   | Skt/Thd** | DB1075ST | \$1,826.75 | 2-1/2" | Threaded  | DB1250T  | \$7,112.90  |
|        | Flanged   | DB1075F  | \$1,870.60 |        | Socket    | DB1250S  | \$7,112.90  |
| 1"     | Skt/Thd** | DB1100ST | \$1,826.75 |        | Flanged   | DB1250F  | \$7,389.10  |
|        | Flanged   | DB1100F  | \$1,870.60 | 3"     | Threaded  | DB1300T  | \$7,112.90  |
| 1-1/4" | Skt/Thd** | DB1125ST | \$2,844.20 |        | Socket    | DB1300S  | \$7,112.90  |
|        | Flanged   | DB1125F  | \$2,952.50 | 4"     | Flanged   | DB1300F  | \$7,445.05  |
| 1-1/2" | Skt/Thd** | DB1150ST | \$2,844.20 |        | Threaded  | DB1400T  | \$7,112.90  |
|        | Flanged   | DB1150F  | \$2,952.50 | 6"     | Socket    | DB1400S  | \$7,112.90  |
|        |           |          |            |        | Flanged   | DB1400F  | \$7,567.35  |
|        |           |          |            | 8"     | Flanged   | DB1600FT | \$18,101.25 |
|        |           |          |            |        |           | DB1800FT | \$23,231.75 |

\* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".

\*\* 1/2" thru 2" PVC Strainers are supplied with both socket and threaded end connectors.

### PVC EPDM O-RINGS

| SIZE   | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE  |
|--------|-----------|-----------|------------|--------|-----------|-----------|-------------|
| 1/2"   | Skt/Thd** | DB1050STE | \$1,736.80 | 2"     | Skt/Thd** | DB1200STE | \$2,704.20  |
|        | Flanged   | DB1050FE  | \$1,777.85 |        | Flanged   | DB1200FE  | \$2,805.60  |
| 3/4"   | Skt/Thd** | DB1075STE | \$1,736.80 | 2-1/2" | Threaded  | DB1250TE  | \$6,759.85  |
|        | Flanged   | DB1075FE  | \$1,777.85 |        | Socket    | DB1250SE  | \$6,759.85  |
| 1"     | Skt/Thd** | DB1100STE | \$1,736.80 |        | Flanged   | DB1250FE  | \$7,020.35  |
|        | Flanged   | DB1100FE  | \$1,777.85 | 3"     | Threaded  | DB1300TE  | \$6,759.85  |
| 1-1/4" | Skt/Thd** | DB1125STE | \$2,704.20 |        | Socket    | DB1300SE  | \$6,759.85  |
|        | Flanged   | DB1125FE  | \$2,805.60 | 4"     | Flanged   | DB1300FE  | \$7,074.50  |
| 1-1/2" | Skt/Thd** | DB1150STE | \$2,704.20 |        | Threaded  | DB1400TE  | \$6,759.85  |
|        | Flanged   | DB1150FE  | \$2,805.60 | 6"     | Socket    | DB1400SE  | \$6,759.85  |
|        |           |           |            |        | Flanged   | DB1400FE  | \$7,187.95  |
|        |           |           |            | 8"     | Flanged   | DB1600FTE | \$17,192.20 |
|        |           |           |            |        |           | DB1800FTE | \$22,069.35 |

\* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".

\*\* 1/2" thru 2" PVC Strainers are supplied with both socket and threaded end connectors.



## DB SERIES DUPLEX BASKET STRAINERS (cont.)

All Duplex Basket Strainers are assembled with silicone free lubricant.

Each Duplex Basket Strainer includes two plastic baskets. If perforation is not specified, then standard basket perforation\* will be shipped with strainer.

For 316 SSSL basket options, see page 103.

### CPVC FPM O-RINGS

| SIZE                                                                                                                                                                                                                                                      | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|------------|--------|-----------|----------|-------------|
| 1/2"                                                                                                                                                                                                                                                      | Skt/Thd** | DB2050ST | \$2,764.60 | 2"     | Skt/Thd** | DB2200ST | \$4,309.30  |
|                                                                                                                                                                                                                                                           | Flanged   | DB2050F  | \$2,822.90 |        | Flanged   | DB2200F  | \$4,464.65  |
| 3/4"                                                                                                                                                                                                                                                      | Skt/Thd** | DB2075ST | \$2,764.60 | 2-1/2" | Threaded  | DB2250T  | \$10,627.50 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2075F  | \$2,822.90 |        | Socket    | DB2250S  | \$10,627.50 |
| 1"                                                                                                                                                                                                                                                        | Skt/Thd** | DB2100ST | \$2,764.60 |        | Flanged   | DB2250F  | \$11,174.85 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2100F  | \$2,822.90 | 3"     | Threaded  | DB2300T  | \$10,627.50 |
| 1-1/4"                                                                                                                                                                                                                                                    | Skt/Thd** | DB2125ST | \$4,309.30 |        | Socket    | DB2300S  | \$10,627.50 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2125F  | \$4,464.65 |        | Flanged   | DB2300F  | \$11,236.60 |
| 1-1/2"                                                                                                                                                                                                                                                    | Skt/Thd** | DB2150ST | \$4,309.30 | 4"     | Threaded  | DB2400T  | \$10,627.50 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2150F  | \$4,464.65 |        | Socket    | DB2400S  | \$10,627.50 |
| <div>* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".</div> <div>** 1/2" thru 2" CPVC Strainers are supplied with both socket and threaded end connectors.</div> |           |          |            |        | Flanged   | DB2400F  | \$11,360.10 |
|                                                                                                                                                                                                                                                           |           |          |            | 6"     | Flanged   | DB2600FT | \$26,542.10 |
|                                                                                                                                                                                                                                                           |           |          |            | 8"     | Flanged   | DB2800FT | \$32,659.05 |

### CPVC EPDM O-RINGS

| SIZE                                                                                                                                                                                                                                                      | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|------------|--------|-----------|-----------|-------------|
| 1/2"                                                                                                                                                                                                                                                      | Skt/Thd** | DB2050STE | \$2,627.00 | 2"     | Skt/Thd** | DB2200STE | \$4,095.70  |
|                                                                                                                                                                                                                                                           | Flanged   | DB2050FE  | \$2,683.40 |        | Flanged   | DB2200FE  | \$4,244.10  |
| 3/4"                                                                                                                                                                                                                                                      | Skt/Thd** | DB2075STE | \$2,627.00 | 2-1/2" | Threaded  | DB2250TE  | \$10,097.90 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2075FE  | \$2,683.40 |        | Socket    | DB2250SE  | \$10,097.90 |
| 1"                                                                                                                                                                                                                                                        | Skt/Thd** | DB2100STE | \$2,627.00 |        | Flanged   | DB2250FE  | \$10,618.80 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2100FE  | \$2,683.40 | 3"     | Threaded  | DB2300TE  | \$10,097.90 |
| 1-1/4"                                                                                                                                                                                                                                                    | Skt/Thd** | DB2125STE | \$4,095.70 |        | Socket    | DB2300SE  | \$10,097.90 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2125FE  | \$4,244.10 |        | Flanged   | DB2300FE  | \$10,671.60 |
| 1-1/2"                                                                                                                                                                                                                                                    | Skt/Thd** | DB2150STE | \$4,095.70 | 4"     | Threaded  | DB2400TE  | \$10,097.90 |
|                                                                                                                                                                                                                                                           | Flanged   | DB2150FE  | \$4,244.10 |        | Socket    | DB2400SE  | \$10,097.90 |
| <div>* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".</div> <div>** 1/2" thru 2" CPVC Strainers are supplied with both socket and threaded end connectors.</div> |           |           |            |        | Flanged   | DB2400FE  | \$10,795.35 |
|                                                                                                                                                                                                                                                           |           |           |            | 6"     | Flanged   | DB2600FTE | \$25,218.25 |
|                                                                                                                                                                                                                                                           |           |           |            | 8"     | Flanged   | DB2800FTE | \$31,026.25 |



## DB SERIES DUPLEX BASKET STRAINERS (cont.)

Duplex Basket Strainers made from Eastar® are clear and the strainer basket can be seen inside the housing while the strainer is in service. All Duplex Basket Strainers are assembled with silicone free lubricant.

Each Duplex Basket Strainer includes two plastic baskets. If perforation is not specified, then standard basket perforation\* will be shipped.

For 316 SSTL basket options, see table below.

### Eastar® FPM O-RINGS

| SIZE   | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|
| 1/2"   | Skt/Thd** | DBC050ST | \$2,030.35 |
|        | Flanged   | DBC050F  | \$2,078.80 |
| 3/4"   | Skt/Thd** | DBC075ST | \$2,030.35 |
|        | Flanged   | DBC075F  | \$2,078.80 |
| 1"     | Skt/Thd** | DBC100ST | \$2,030.85 |
|        | Flanged   | DBC100F  | \$2,078.80 |
| 1-1/4" | Skt/Thd** | DBC125ST | \$3,161.15 |
|        | Flanged   | DBC125F  | \$3,281.50 |
| 1-1/2" | Skt/Thd** | DBC150ST | \$3,161.15 |
|        | Flanged   | DBC150F  | \$3,281.50 |
| 2"     | Skt/Thd** | DBC200ST | \$3,161.15 |
|        | Flanged   | DBC200F  | \$3,281.50 |
| 3"     | Threaded  | DBC300T  | \$7,905.50 |
|        | Socket    | DBC300S  | \$7,905.50 |
|        | Flanged   | DBC300F  | \$8,274.45 |
| 4"     | Threaded  | DBC400T  | \$7,905.50 |
|        | Socket    | DBC400S  | \$7,905.50 |
|        | Flanged   | DBC400F  | \$8,410.45 |

### Eastar® EPDM O-RINGS

| SIZE   | END CONN. | PART NO.  | LIST PRICE |
|--------|-----------|-----------|------------|
| 1/2"   | Skt/Thd** | DBC050STE | \$1,930.30 |
|        | Flanged   | DBC050FE  | \$1,976.00 |
| 3/4"   | Skt/Thd** | DBC075STE | \$1,930.30 |
|        | Flanged   | DBC075FE  | \$1,976.00 |
| 1"     | Skt/Thd** | DBC100STE | \$1,930.30 |
|        | Flanged   | DBC100FE  | \$1,976.00 |
| 1-1/4" | Skt/Thd** | DBC125STE | \$3,005.75 |
|        | Flanged   | DBC125FE  | \$3,118.25 |
| 1-1/2" | Skt/Thd** | DBC150STE | \$3,005.75 |
|        | Flanged   | DBC150FE  | \$3,118.25 |
| 2"     | Skt/Thd** | DBC200STE | \$3,005.75 |
|        | Flanged   | DBC200FE  | \$3,118.25 |
| 3"     | Threaded  | DBC300TE  | \$7,516.90 |
|        | Socket    | DBC300SE  | \$7,516.90 |
|        | Flanged   | DBC300FE  | \$7,862.75 |
| 4"     | Threaded  | DBC400TE  | \$7,516.90 |
|        | Socket    | DBC400SE  | \$7,516.90 |
|        | Flanged   | DBC400FE  | \$7,992.00 |

\* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".

\*\* 1/2" thru 2" PVC Strainers are supplied with both socket and threaded end connectors.

## OPTIONAL 316 STAINLESS STEEL BASKETS



Baskets are designed with slanted top to ensure correct installation with SB & DB Series Basket Strainers.

Each Strainer purchased is furnished with one standard thermoplastic basket (1 for Simplex, 2 for Duplex). When ordering, if you wish to replace the standard thermoplastic basket(s) with a stainless steel basket, use table below for price adders. Stainless steel baskets are made to order and are not returnable.

For part numbers and pricing for purchasing a SSTL basket separately, see page 104. e.g. SB2100F with option 1/32 perf SSTL basket is SB2100FS132.

| STRAINER SIZE | SUFFIX** | Mesh or Perf* | SUFFIX | 200 MESH*  | SUFFIX | 325 MESH*  |
|---------------|----------|---------------|--------|------------|--------|------------|
| 1/2" - 1"     | SXXX     | \$247.60      | S200   | \$342.10   | S325   | \$361.75   |
| 1-1/4" - 2"   | SXXX     | \$304.50      | S200   | \$407.85   | S325   | \$429.20   |
| 2-1/2" - 4"   | SXXX     | \$595.95      | S200   | \$802.85   | S325   | \$833.10   |
| 6"            | SXXX     | \$1,042.95    | S200   | \$1,301.55 | S325   | \$1,413.75 |
| 8"            | SXXX     | \$1,413.75    | S200   | \$1,703.05 | S325   | \$1,836.85 |

\* Price is for each basket. Duplex vessels require 2 each.

\*\* Part number is for MESH or Perf. Substitute X with MESH or Perf size.



# SB AND DB SERIES EXTRA/REPLACEMENT BASKETS

*It is recommended that one spare basket per strainer be kept on hand at all times.*

Stainless steel baskets are made to order and not returnable.  
Hastelloy® and Monel available, consult factory.

| FOR 1/2", 3/4" AND 1"             |            |            |
|-----------------------------------|------------|------------|
| PVC                               |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS11001/32 | \$160.85   |
| 1/16"                             | BS11001/16 | \$160.85   |
| 1/8"                              | BS11001/8  | \$160.85   |
| 3/16"                             | BS11003/16 | \$160.85   |
| CPVC                              |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS21001/32 | \$247.45   |
| 1/16"                             | BS21001/16 | \$247.45   |
| 1/8"                              | BS21001/8  | \$247.45   |
| 3/16"                             | BS21003/16 | \$247.45   |
| GFPP                              |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS41001/32 | \$202.55   |
| 1/16"                             | BS41001/16 | \$202.55   |
| 1/8"                              | BS41001/8  | \$202.55   |
| 3/16"                             | BS41003/16 | \$202.55   |
| 316 Stainless Steel MESH**        |            |            |
| MESH*                             | PART NO.   | LIST PRICE |
| 20                                | BS71020    | \$334.05   |
| 40                                | BS71040    | \$334.05   |
| 60                                | BS71060    | \$334.05   |
| 80                                | BS71080    | \$334.05   |
| 100                               | BS710100   | \$334.05   |
| 316 Stainless Steel Perforation** |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS7101/32  | \$334.05   |
| 1/16"                             | BS7101/16  | \$334.05   |
| 1/8"                              | BS7101/8   | \$334.05   |
| 3/16"                             | BS7103/16  | \$334.05   |

| FOR 1-1/4", 1-1/2" AND 2"         |            |            |
|-----------------------------------|------------|------------|
| PVC                               |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS12001/32 | \$202.15   |
| 1/16"                             | BS12001/16 | \$202.15   |
| 1/8"                              | BS12001/8  | \$202.15   |
| 3/16"                             | BS12003/16 | \$202.15   |
| CPVC                              |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS22001/32 | \$306.90   |
| 1/16"                             | BS22001/16 | \$306.90   |
| 1/8"                              | BS22001/8  | \$306.90   |
| 3/16"                             | BS22003/16 | \$306.90   |
| GFPP                              |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS42001/32 | \$254.40   |
| 1/16"                             | BS42001/16 | \$254.40   |
| 1/8"                              | BS42001/8  | \$254.40   |
| 3/16"                             | BS42003/16 | \$254.40   |
| 316 Stainless Steel MESH**        |            |            |
| MESH*                             | PART NO.   | LIST PRICE |
| 20                                | BS72020    | \$414.35   |
| 40                                | BS72040    | \$414.35   |
| 60                                | BS72060    | \$414.35   |
| 80                                | BS72080    | \$414.35   |
| 100                               | BS720100   | \$414.35   |
| 316 Stainless Steel Perforation** |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS7201/32  | \$414.35   |
| 1/16"                             | BS7201/16  | \$414.35   |
| 1/8"                              | BS7201/8   | \$414.35   |
| 3/16"                             | BS7203/16  | \$414.35   |

| FOR 2-1/2", 3" AND 4"             |            |            |
|-----------------------------------|------------|------------|
| PVC                               |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS14001/32 | \$513.80   |
| 1/16"                             | BS14001/16 | \$513.80   |
| 1/8"                              | BS14001/8  | \$513.80   |
| 3/16"                             | BS14003/16 | \$513.80   |
| CPVC                              |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS24001/32 | \$774.15   |
| 1/16"                             | BS24001/16 | \$774.15   |
| 1/8"                              | BS24001/8  | \$774.15   |
| 3/16"                             | BS24003/16 | \$774.15   |
| GFPP                              |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS44001/32 | \$647.00   |
| 1/16"                             | BS44001/16 | \$647.00   |
| 1/8"                              | BS44001/8  | \$647.00   |
| 3/16"                             | BS44003/16 | \$647.00   |
| 316 Stainless Steel MESH**        |            |            |
| MESH*                             | PART NO.   | LIST PRICE |
| 20                                | BS74020    | \$884.00   |
| 40                                | BS74040    | \$884.00   |
| 60                                | BS74060    | \$884.00   |
| 80                                | BS74080    | \$884.00   |
| 100                               | BS740100   | \$884.00   |
| 316 Stainless Steel Perforation** |            |            |
| PERFORATION                       | PART NO.   | LIST PRICE |
| 1/32"                             | BS7401/32  | \$884.00   |
| 1/16"                             | BS7401/16  | \$884.00   |
| 1/8"                              | BS7401/8   | \$884.00   |
| 3/16"                             | BS7403/16  | \$884.00   |

| FOR 6"                            |             |            |
|-----------------------------------|-------------|------------|
| PVC                               |             |            |
| PERFORATION                       | PART NO.    | LIST PRICE |
| 1/32"                             | BS16001/32  | \$1,459.20 |
| 1/16"                             | BS16001/16  | \$1,459.20 |
| 1/8"                              | BS16001/8   | \$1,459.20 |
| 3/16"                             | BS16003/16  | \$1,459.20 |
| CPVC                              |             |            |
| PERFORATION                       | PART NO.    | LIST PRICE |
| 1/32"                             | BS26001/32  | \$1,958.65 |
| 1/16"                             | BS26001/16  | \$1,958.65 |
| 1/8"                              | BS26001/8   | \$1,958.65 |
| 3/16"                             | BS26003/16  | \$1,958.65 |
| 316 Stainless Steel MESH**        |             |            |
| MESH*                             | PART NO.    | LIST PRICE |
| 20                                | BS76001420  | \$1,714.40 |
| 40                                | BS76001440  | \$1,714.40 |
| 60                                | BS76001460  | \$1,714.40 |
| 80                                | BS76001480  | \$1,714.40 |
| 100                               | BS760014100 | \$1,714.40 |
| 316 Stainless Steel Perforation** |             |            |
| PERFORATION                       | PART NO.    | LIST PRICE |
| 1/32"                             | BS76001/32  | \$1,834.90 |
| 1/16"                             | BS76001/16  | \$1,834.90 |
| 1/8"                              | BS76001/8   | \$1,834.90 |
| 3/16"                             | BS76003/16  | \$1,834.90 |

| FOR 8"                            |             |            |
|-----------------------------------|-------------|------------|
| PVC                               |             |            |
| PERFORATION                       | PART NO.    | LIST PRICE |
| 1/32"                             | BS18001/32  | \$2,015.15 |
| 1/16"                             | BS18001/16  | \$2,015.15 |
| 1/8"                              | BS18001/8   | \$2,015.15 |
| 3/16"                             | BS18003/16  | \$2,015.15 |
| CPVC                              |             |            |
| PERFORATION                       | PART NO.    | LIST PRICE |
| 1/32"                             | BS28001/32  | \$2,702.15 |
| 1/16"                             | BS28001/16  | \$2,702.15 |
| 1/8"                              | BS28001/8   | \$2,702.15 |
| 3/16"                             | BS28003/16  | \$2,702.15 |
| 316 Stainless Steel MESH**        |             |            |
| MESH*                             | PART NO.    | LIST PRICE |
| 20                                | BS78001420  | \$2,342.50 |
| 40                                | BS78001440  | \$2,342.50 |
| 60                                | BS78001460  | \$2,342.50 |
| 80                                | BS78001480  | \$2,342.50 |
| 100                               | BS780014100 | \$2,342.50 |
| 316 Stainless Steel Perforation** |             |            |
| PERFORATION                       | PART NO.    | LIST PRICE |
| 1/32"                             | BS78001/32  | \$2,508.50 |
| 1/16"                             | BS78001/16  | \$2,508.50 |
| 1/8"                              | BS78001/8   | \$2,508.50 |
| 3/16"                             | BS78003/16  | \$2,508.50 |

| FOR 200 MESH ONLY* |             |            |
|--------------------|-------------|------------|
| SIZES              | PART NO.    | LIST PRICE |
| 1/2" - 1"          | BS710200    | \$428.60   |
| 1-1/4" - 2"        | BS720200    | \$519.00   |
| 2-1/2" - 4"        | BS740200    | \$1,090.85 |
| 6"                 | BS760014200 | \$1,972.95 |
| 8"                 | BS780014200 | \$2,631.40 |

| FOR 325 MESH ONLY* |             |            |
|--------------------|-------------|------------|
| SIZES              | PART NO.    | LIST PRICE |
| 1/2" - 1"          | BS710325    | \$448.15   |
| 1-1/4" - 2"        | BS720325    | \$539.10   |
| 2-1/2" - 4"        | BS740325    | \$1,120.95 |
| 6"                 | BS760014325 | \$2,085.35 |
| 8"                 | BS780014325 | \$2,765.15 |



## EXTRA/REPLACEMENT BASKETS – OLD STYLE

*It is recommended that one spare basket per strainer be kept on hand at all times.*

| FOR 1/2", 3/4" AND 1"           |              |            |
|---------------------------------|--------------|------------|
| PVC                             |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS101001/32  | \$166.90   |
| 1/16"                           | BS101001/16  | \$166.90   |
| 1/8"                            | BS101001/8   | \$166.90   |
| 3/16"                           | BS101003/16  | \$166.90   |
| CPVC                            |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS201001/32  | \$256.80   |
| 1/16"                           | BS201001/16  | \$256.80   |
| 1/8"                            | BS201001/8   | \$256.80   |
| 3/16"                           | BS201003/16  | \$256.80   |
| PP                              |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS401001/32  | \$284.05   |
| 1/16"                           | BS401001/16  | \$284.05   |
| 1/8"                            | BS401001/8   | \$284.05   |
| 3/16"                           | BS401003/16  | \$284.05   |
| 316 Stainless Steel             |              |            |
| MESH*                           | PART NO.     | LIST PRICE |
| 20                              | BS701001420  | \$346.70   |
| 40                              | BS701001440  | \$346.70   |
| 60                              | BS701001460  | \$346.70   |
| 80                              | BS701001480  | \$346.70   |
| 100                             | BS7010014100 | \$346.70   |
| 316 Stainless Steel Perforation |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS701001/32  | \$346.70   |
| 1/16"                           | BS701001/16  | \$346.70   |
| 1/8"                            | BS701001/8   | \$346.70   |
| 3/16"                           | BS701003/16  | \$346.70   |
| FOR 1-1/2" AND 2"               |              |            |
| PVC                             |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS102001/32  | \$209.60   |
| 1/16"                           | BS102001/16  | \$209.60   |
| 1/8"                            | BS102001/8   | \$209.60   |
| 3/16"                           | BS102003/16  | \$209.60   |
| CPVC                            |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS202001/32  | \$318.55   |
| 1/16"                           | BS202001/16  | \$318.55   |
| 1/8"                            | BS202001/8   | \$318.55   |
| 3/16"                           | BS202003/16  | \$318.55   |
| PP                              |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS402001/32  | \$348.45   |
| 1/16"                           | BS402001/16  | \$348.45   |
| 1/8"                            | BS402001/8   | \$348.45   |
| 3/16"                           | BS402003/16  | \$348.45   |
| 316 Stainless Steel             |              |            |
| MESH*                           | PART NO.     | LIST PRICE |
| 20                              | BS702001420  | \$429.95   |
| 40                              | BS702001440  | \$429.95   |
| 60                              | BS702001460  | \$429.95   |
| 80                              | BS702001480  | \$429.95   |
| 100                             | BS7020014100 | \$429.95   |
| 316 Stainless Steel Perforation |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS702001/32  | \$429.95   |
| 1/16"                           | BS702001/16  | \$429.95   |
| 1/8"                            | BS702001/8   | \$429.95   |
| 3/16"                           | BS702003/16  | \$429.95   |

| FOR 3"                          |              |            |
|---------------------------------|--------------|------------|
| PVC                             |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS103001/32  | \$470.05   |
| 1/16"                           | BS103001/16  | \$470.05   |
| 1/8"                            | BS103001/8   | \$470.05   |
| 3/16"                           | BS103003/16  | \$470.05   |
| CPVC                            |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS203001/32  | \$704.90   |
| 1/16"                           | BS203001/16  | \$704.90   |
| 1/8"                            | BS203001/8   | \$704.90   |
| 3/16"                           | BS203003/16  | \$704.90   |
| 316 Stainless Steel             |              |            |
| MESH*                           | PART NO.     | LIST PRICE |
| 20                              | BS703001420  | \$802.95   |
| 40                              | BS703001440  | \$802.95   |
| 60                              | BS703001460  | \$802.95   |
| 80                              | BS703001480  | \$802.95   |
| 100                             | BS7030014100 | \$802.95   |
| 316 Stainless Steel Perforation |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS703001/32  | \$802.95   |
| 1/16"                           | BS703001/16  | \$802.95   |
| 1/8"                            | BS703001/8   | \$802.95   |
| 3/16"                           | BS703003/16  | \$802.95   |
| FOR 4"                          |              |            |
| PVC                             |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS104001/32  | \$533.30   |
| 1/16"                           | BS104001/16  | \$533.30   |
| 1/8"                            | BS104001/8   | \$533.30   |
| 3/16"                           | BS104003/16  | \$533.30   |
| CPVC                            |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS204001/32  | \$803.30   |
| 1/16"                           | BS204001/16  | \$803.30   |
| 1/8"                            | BS204001/8   | \$803.30   |
| 3/16"                           | BS204003/16  | \$803.30   |
| 316 Stainless Steel             |              |            |
| MESH*                           | PART NO.     | LIST PRICE |
| 20                              | BS704001420  | \$917.25   |
| 40                              | BS704001440  | \$917.25   |
| 60                              | BS704001460  | \$917.25   |
| 80                              | BS704001480  | \$917.25   |
| 100                             | BS7040014100 | \$917.25   |
| 316 Stainless Steel Perforation |              |            |
| PERFORATION                     | PART NO.     | LIST PRICE |
| 1/32"                           | BS704001/32  | \$917.25   |
| 1/16"                           | BS704001/16  | \$917.25   |
| 1/8"                            | BS704001/8   | \$917.25   |
| 3/16"                           | BS704003/16  | \$917.25   |



*Old Style–Duplex Basket Strainer*

**FOR 6" AND 8" OLD STYLE  
SPARE PARTS, SEE PAGE 112.**

**BASKET STRAINERS**



## YS SERIES Y-STRAINERS

All YS Series Y-Strainers have an FPM o-ring seal and are assembled with silicone free lubricant. Each YS Y-Strainer includes one 1/32" perforated thermoplastic\* screen.

**For flanged options not shown, consult factory.**

### PVC FPM O-RINGS

| SIZE   | END CONN. | PART NO. | LIST PRICE      | SIZE   | END CONN. | PART NO. | LIST PRICE        |
|--------|-----------|----------|-----------------|--------|-----------|----------|-------------------|
| 1/2"   | Threaded  | YS10050T | <b>\$96.30</b>  | 2"     | Threaded  | YS10200T | <b>\$254.45</b>   |
|        | Socket    | YS10050S | <b>\$96.30</b>  |        | Socket    | YS10200S | <b>\$254.45</b>   |
| 3/4"   | Threaded  | YS10075T | <b>\$108.75</b> |        | Flanged   | YS10200F | <b>\$422.90</b>   |
|        | Socket    | YS10075S | <b>\$108.75</b> | 2-1/2" | Threaded  | YS10250T | <b>\$422.05</b>   |
| 1"     | Threaded  | YS10100T | <b>\$119.80</b> |        | Socket    | YS10250S | <b>\$422.05</b>   |
|        | Socket    | YS10100S | <b>\$119.80</b> |        | Flanged   | YS10250F | <b>\$924.75</b>   |
| 1-1/4" | Threaded  | YS10125T | <b>\$217.20</b> | 3"     | Threaded  | YS10300T | <b>\$569.20</b>   |
|        | Socket    | YS10125S | <b>\$217.20</b> |        | Socket    | YS10300S | <b>\$569.20</b>   |
| 1-1/2" | Threaded  | YS10150T | <b>\$217.20</b> |        | Flanged   | YS10300F | <b>\$877.50</b>   |
|        | Socket    | YS10150S | <b>\$217.20</b> | 4"     | Threaded  | YS10400T | <b>\$995.55</b>   |
|        |           |          |                 |        | Socket    | YS10400S | <b>\$995.55</b>   |
|        |           |          |                 |        | Flanged   | YS10400F | <b>\$1,414.35</b> |

### PVC EPDM O-RINGS

| SIZE   | END CONN. | PART NO.  | LIST PRICE      | SIZE   | END CONN. | PART NO.  | LIST PRICE        |
|--------|-----------|-----------|-----------------|--------|-----------|-----------|-------------------|
| 1/2"   | Threaded  | YS10050TE | <b>\$96.30</b>  | 2"     | Threaded  | YS10200TE | <b>\$254.45</b>   |
|        | Socket    | YS10050SE | <b>\$96.30</b>  |        | Socket    | YS10200SE | <b>\$254.45</b>   |
| 3/4"   | Threaded  | YS10075TE | <b>\$108.75</b> |        | Flanged   | YS10200FE | <b>\$422.90</b>   |
|        | Socket    | YS10075SE | <b>\$108.75</b> | 2-1/2" | Threaded  | YS10250TE | <b>\$422.05</b>   |
| 1"     | Threaded  | YS10100TE | <b>\$119.80</b> |        | Socket    | YS10250SE | <b>\$422.05</b>   |
|        | Socket    | YS10100SE | <b>\$119.80</b> |        | Flanged   | YS10250FE | <b>\$924.75</b>   |
| 1-1/4" | Threaded  | YS10125TE | <b>\$217.20</b> | 3"     | Threaded  | YS10300TE | <b>\$569.20</b>   |
|        | Socket    | YS10125SE | <b>\$217.20</b> |        | Socket    | YS10300SE | <b>\$569.20</b>   |
| 1-1/2" | Threaded  | YS10150TE | <b>\$217.20</b> |        | Flanged   | YS10300FE | <b>\$877.50</b>   |
|        | Socket    | YS10150SE | <b>\$217.20</b> | 4"     | Threaded  | YS10400TE | <b>\$995.55</b>   |
|        |           |           |                 |        | Socket    | YS10400SE | <b>\$995.55</b>   |
|        |           |           |                 |        | Flanged   | YS10400FE | <b>\$1,414.35</b> |

\* To replace the standard 1/32" thermoplastic screen with another perf size thermoplastic screen OR a stainless steel screen, refer to the tables on page 109.  
**SSTL screens are made to order and are not returnable.** Consult factory for 200 & 325 mesh pricing.



## YS SERIES Y-STRAINERS (cont.)

All YS Series Y-Strainers have an FPM o-ring seal and are assembled with silicone free lubricant. Each YS Y-Strainer includes one 1/32" perforated thermoplastic\* screen.

*For flanged options not shown, consult factory.*

### CPVC FPM O-RINGS

| SIZE   | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|----------|------------|------|-----------|----------|------------|
| 1/2"   | Threaded  | YS20050T | \$268.30   | 2"   | Threaded  | YS20200T | \$757.95   |
|        | Socket    | YS20050S | \$268.30   |      | Socket    | YS20200S | \$757.95   |
| 3/4"   | Threaded  | YS20075T | \$296.65   |      | Flanged   | YS20200F | \$1,022.20 |
|        | Socket    | YS20075S | \$296.65   | 3"   | Threaded  | YS20300T | \$944.50   |
| 1"     | Threaded  | YS20100T | \$379.75   |      | Socket    | YS20300S | \$944.50   |
|        | Socket    | YS20100S | \$379.75   |      | Flanged   | YS20300F | \$1,466.15 |
| 1-1/2" | Threaded  | YS20150T | \$589.80   | 4"   | Threaded  | YS20400T | \$1,636.60 |
|        | Socket    | YS20150S | \$589.80   |      | Socket    | YS20400S | \$1,636.60 |
|        |           |          |            |      | Flanged   | YS20400F | \$2,349.80 |

### CPVC EPDM O-RINGS

| SIZE   | END CONN. | PART NO.  | LIST PRICE | SIZE | END CONN. | PART NO.  | LIST PRICE |
|--------|-----------|-----------|------------|------|-----------|-----------|------------|
| 1/2"   | Threaded  | YS20050TE | \$268.30   | 2"   | Threaded  | YS20200TE | \$757.95   |
|        | Socket    | YS20050SE | \$268.30   |      | Socket    | YS20200SE | \$757.95   |
| 3/4"   | Threaded  | YS20075TE | \$296.65   |      | Flanged   | YS20200FE | \$1,022.20 |
|        | Socket    | YS20075SE | \$296.65   | 3"   | Threaded  | YS20300TE | \$944.50   |
| 1"     | Threaded  | YS20100TE | \$379.75   |      | Socket    | YS20300SE | \$944.50   |
|        | Socket    | YS20100SE | \$379.75   |      | Flanged   | YS20300FE | \$1,466.15 |
| 1-1/2" | Threaded  | YS20150TE | \$589.80   | 4"   | Threaded  | YS20400TE | \$1,636.60 |
|        | Socket    | YS20150SE | \$589.80   |      | Socket    | YS20400SE | \$1,636.60 |
|        |           |           |            |      | Flanged   | YS20400FE | \$2,349.80 |



### CLEAR PVC\*\* FPM O-RINGS

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE   | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|--------|-----------|----------|------------|
| 1/2" | Threaded  | YS00050T | \$96.30    | 1-1/4" | Threaded  | YS00125T | \$217.20   |
|      | Socket    | YS00050S | \$96.30    |        | Socket    | YS00125S | \$217.20   |
| 3/4" | Threaded  | YS00075T | \$108.75   | 1-1/2" | Threaded  | YS00150T | \$217.20   |
|      | Socket    | YS00075S | \$108.75   |        | Socket    | YS00150S | \$217.20   |
| 1"   | Threaded  | YS00100T | \$119.80   | 2"     | Threaded  | YS00200T | \$254.45   |
|      | Socket    | YS00100S | \$119.80   |        | Socket    | YS00200S | \$254.45   |
|      |           |          |            |        | Flanged   | YS00200F | \$422.90   |

\* To replace the standard 1/32" thermoplastic screen with another perf size thermoplastic screen OR a stainless steel screen, refer to the tables on page 109.

**SSTL screens are made to order and are not returnable.** Consult factory for 200 & 325 mesh pricing.

\*\* Consult factory for pricing and availability of EPDM seals.



## YS SERIES TRUE UNION Y-STRAINERS

All YS Series Y-Strainers have an FPM o-ring seal and are assembled with silicone free lubricant. Each YS Y-Strainer includes one 1/32" perforated thermoplastic\* screen.

**For EPDM or flanged options, consult factory for pricing and availability.**

### PVC FPM O-RINGS

| SIZE   | END CONN. | PART NO.  | LIST PRICE | SIZE      | END CONN. | PART NO.  | LIST PRICE |
|--------|-----------|-----------|------------|-----------|-----------|-----------|------------|
| 1/2"   | Threaded  | YS10050TU | \$106.50   | 1-1/2"*** | Threaded  | YS10150TU | \$238.70   |
|        | Socket    | YS10050SU | \$106.50   |           | Socket    | YS10150SU | \$238.70   |
| 3/4"   | Threaded  | YS10075TU | \$121.25   | 2"        | Threaded  | YS10200TU | \$277.90   |
|        | Socket    | YS10075SU | \$121.25   |           | Socket    | YS10200SU | \$277.90   |
| 1"     | Threaded  | YS10100TU | \$132.65   | 2-1/2"    | Threaded  | YS10250TU | \$454.55   |
|        | Socket    | YS10100SU | \$132.65   |           | Socket    | YS10250SU | \$454.55   |
| 1-1/4" | Threaded  | YS10125TU | \$227.35   | 3"        | Threaded  | YS10300TU | \$629.40   |
|        | Socket    | YS10125SU | \$227.35   |           | Socket    | YS10300SU | \$629.40   |
|        |           |           |            | 4"        | Threaded  | YS10400TU | \$1,104.85 |
|        |           |           |            |           | Socket    | YS10400SU | \$1,104.85 |

### CPVC FPM O-RINGS

| SIZE      | END CONN. | PART NO.  | LIST PRICE | SIZE   | END CONN. | PART NO.  | LIST PRICE |
|-----------|-----------|-----------|------------|--------|-----------|-----------|------------|
| 1/2"      | Threaded  | YS20050TU | \$294.85   | 2"     | Threaded  | YS20200TU | \$865.20   |
|           | Socket    | YS20050SU | \$294.85   |        | Socket    | YS20200SU | \$865.20   |
| 3/4"      | Threaded  | YS20075TU | \$328.45   | 2-1/2" | Threaded  | YS20250TU | \$965.00   |
|           | Socket    | YS20075SU | \$328.45   |        | Socket    | YS20250SU | \$965.00   |
| 1"        | Threaded  | YS20100TU | \$409.15   | 3"     | Threaded  | YS20300TU | \$1,037.00 |
|           | Socket    | YS20100SU | \$409.15   |        | Socket    | YS20300SU | \$1,037.00 |
| 1-1/2"*** | Threaded  | YS20150TU | \$651.40   | 4"     | Threaded  | YS20400TU | \$1,763.70 |
|           | Socket    | YS20150SU | \$651.40   |        | Socket    | YS20400SU | \$1,763.70 |

### CLEAR PVC FPM O-RINGS

| SIZE | END CONN. | PART NO.  | LIST PRICE | SIZE      | END CONN. | PART NO.  | LIST PRICE |
|------|-----------|-----------|------------|-----------|-----------|-----------|------------|
| 1/2" | Threaded  | YS00050TU | \$106.50   | 1-1/4"    | Threaded  | YS00125TU | \$227.35   |
|      | Socket    | YS00050SU | \$106.50   |           | Socket    | YS00125SU | \$227.35   |
| 3/4" | Threaded  | YS00075TU | \$121.25   | 1-1/2"*** | Threaded  | YS00150TU | \$238.70   |
|      | Socket    | YS00075SU | \$121.25   |           | Socket    | YS00150SU | \$238.70   |
| 1"   | Threaded  | YS00100TU | \$132.65   | 2"        | Threaded  | YS00200TU | \$277.90   |
|      | Socket    | YS00100SU | \$132.65   |           | Socket    | YS00200SU | \$277.90   |

\* To replace the standard 1/32" thermoplastic screen with another perf size thermoplastic screen OR a stainless steel screen, refer to the tables on page 109.

**SSTL screens are made to order and are not returnable.** Consult factory for 200 & 325 mesh pricing.

\*\* 1-1/2" unit takes a 2" screen.



# YS SERIES Y-STRAINER SCREENS

Each Y-Strainer purchased comes standard with a 1/32" perf thermoplastic screen. When ordering the Y-Strainer, if you wish to change the standard perf to another thermoplastic perf size, there will be NO ADDITIONAL CHARGE. If you wish to change the standard thermoplastic screen to a SSTL perf or mesh size screen, there will be an additional charge. The table below shows the list price to be added to your order for changing to a SSTL screen.

For Hastelloy, Monel, or 200 & 325 SSTL Mesh options, consult factory for pricing and part number information. ALL SSTL screens are made to order and are not returnable.

## SUBSTITUTE STAINLESS STEEL\* SCREENS

To change the standard thermoplastic screen to a SSTL screen, ADD the list price below to your Y-Strainer order.

| SIZE    | SUBSTITUTE SCREEN LIST PRICE | SIZE   | SUBSTITUTE SCREEN LIST PRICE |
|---------|------------------------------|--------|------------------------------|
| 1/2"    | \$111.95                     | 2"     | \$234.50                     |
| 3/4"    | \$136.45                     | 2-1/2" | \$257.95                     |
| 1"      | \$159.90                     | 3"     | \$257.95                     |
| 1-1/4"  | \$208.85                     | 4"     | \$324.05                     |
| 1-1/2"* | \$208.85                     |        |                              |

\* Specify SSTL MESH or SSTL Perf size when ordering. For 200 & 325 SSTL mesh, consult factory.

\*\* 1-1/2" true union y-strainers require a 2" screen.

## THERMOPLASTIC SCREENS

To replace or to order an extra thermoplastic screen, use table below. All thermoplastic screens are 1/32" perforation.

| PVC    |            |            | CPVC       |            |
|--------|------------|------------|------------|------------|
| SIZE   | PART NO.   | LIST PRICE | PART NO.   | LIST PRICE |
| 1/2"   | YSX1005022 | \$36.65    | YSX2005022 | \$51.50    |
| 3/4"   | YSX1007522 | \$41.35    | YSX2007522 | \$62.85    |
| 1"     | YSX1010022 | \$47.65    | YSX2010022 | \$77.50    |
| 1-1/4" | YSX1015022 | \$55.25    | N/A        | -          |
| 1-1/2" | YSX1015022 | \$55.25    | YSX2015022 | \$98.00    |
| 2"     | YSX1020022 | \$91.80    | YSX2020022 | \$127.30   |
| 2-1/2" | YSX1030022 | \$130.40   | N/A        | -          |
| 3"     | YSX1030022 | \$130.40   | YSX2030022 | \$198.15   |
| 4"     | YSX1040022 | \$162.20   | YSX2040022 | \$243.80   |

## STAINLESS STEEL PERF SCREENS

To replace or to order an extra SSTL perf screen, use table below.

| 316 STAINLESS STEEL |            |            | 316 STAINLESS STEEL |            |            |
|---------------------|------------|------------|---------------------|------------|------------|
| SIZE                | PART NO.   | LIST PRICE | SIZE                | PART NO.   | LIST PRICE |
| 1/2"                | YS70050XXX | \$142.90   | 2"                  | YS70200XXX | \$307.10   |
| 3/4"                | YS70075XXX | \$170.60   | 2-1/2"              | YS70300XXX | \$358.15   |
| 1"                  | YS70100XXX | \$208.85   | 3"                  | YS70300XXX | \$358.15   |
| 1-1/4"              | YS70150XXX | \$264.30   | 4"                  | YS70400XXX | \$454.10   |
| 1-1/2"              | YS70150XXX | \$264.30   |                     |            |            |

SSTL screens are available in perfs of 1/32", 1/16", 1/8", 3/16", and 1/2". The 1/2" perf is offered ONLY on 1-1/2" & larger Y-Strainers. Substitute the perf size for the XXX in the part # table. (e.g., To choose 1/8" perf for a 1/2" y-strainer, the part # would be YS700501/8).

## STAINLESS STEEL MESH SCREENS

To replace or to order an extra SSTL Mesh screen, use table below.

| PVC W/ SSTL MESH  |            |            | PVC W/ SSTL MESH  |            |            | PVC W/ SSTL MESH  |            |            |
|-------------------|------------|------------|-------------------|------------|------------|-------------------|------------|------------|
| SIZE              | PART NO.   | LIST PRICE | SIZE              | PART NO.   | LIST PRICE | SIZE              | PART NO.   | LIST PRICE |
| 1/2"              | YS17050XXX | \$174.85   | 1-1/4"            | YS17150XXX | \$311.30   | 3"                | YS17300XXX | \$471.10   |
| 3/4"              | YS17075XXX | \$206.80   | 1-1/2"            | YS17150XXX | \$311.30   | 4"                | YS17400XXX | \$594.85   |
| 1"                | YS17100XXX | \$249.35   | 2"                | YS17200XXX | \$385.80   |                   |            |            |
| CPVC W/ SSTL MESH |            |            | CPVC W/ SSTL MESH |            |            | CPVC W/ SSTL MESH |            |            |
| SIZE              | PART NO.   | LIST PRICE | SIZE              | PART NO.   | LIST PRICE | SIZE              | PART NO.   | LIST PRICE |
| 1/2"              | YS27050XXX | \$187.60   | 1-1/4"            | YS27150XXX | \$345.25   | 3"                | YS27300XXX | \$526.55   |
| 3/4"              | YS27075XXX | \$223.85   | 1-1/2"            | YS27150XXX | \$345.25   | 4"                | YS27400XXX | \$660.85   |
| 1"                | YS27100XXX | \$275.05   | 2"                | YS27200XXX | \$415.60   |                   |            |            |

SSTL Mesh screens are available in 20, 40, 60, 80 & 100. For other sizes, 200 & 325, consult factory. Substitute the mesh size for the XXX in the part # table. (e.g., To choose 20 mesh screen for a 1/2" y-strainer, the part # would be YS1705020).

# SB OR DB SERIES BASKET STRAINER PARTS

## PVC

| SIZE      | COVER ASSEMBLY<br>PVC FPM |            | COVER ASSEMBLY<br>PVC EPDM |            | O-RING<br>FPM |            | O-RING<br>EPDM |            | PLUG*                  |            |
|-----------|---------------------------|------------|----------------------------|------------|---------------|------------|----------------|------------|------------------------|------------|
|           | PART NO.                  | LIST PRICE | PART NO.                   | LIST PRICE | PART NO.      | LIST PRICE | PART NO.       | LIST PRICE | PART NO.               | LIST PRICE |
| 1/2"-1"   | BSX1111ASSY               | \$77.70    | BSX1111ASSYE               | \$68.90    | SB1KIT        | \$18.90    | SB1KITE        | \$15.85    | PVC—FPM<br>BSX1PLUG2   | \$33.30    |
| 1-1/4"-2" | BSX1211ASSY               | \$115.60   | BSX1211ASSYE               | \$106.65   | SB2KIT        | \$31.05    | SB2KITE        | \$23.50    |                        |            |
| 2-1/2"-4" | BSX1411ASSY               | \$186.45   | BSX1411ASSYE               | \$166.50   | SB4KIT        | \$75.55    | SB4KITE        | \$55.55    | PVC—EPDM<br>BSX1PLUG2E | \$26.65    |
| 6"-8"     | BSX1611ASSY               | \$408.30   | BSX1611ASSYE               | \$383.90   | SB6KIT        | \$99.95    | SB6KITE        | \$70.95    |                        |            |

## CPVC

| SIZE      | COVER ASSEMBLY<br>CPVC FPM |            | COVER ASSEMBLY<br>CPVC EPDM |            | O-RING<br>FPM |            | O-RING<br>EPDM |            | PLUG*                   |            |
|-----------|----------------------------|------------|-----------------------------|------------|---------------|------------|----------------|------------|-------------------------|------------|
|           | PART NO.                   | LIST PRICE | PART NO.                    | LIST PRICE | PART NO.      | LIST PRICE | PART NO.       | LIST PRICE | PART NO.                | LIST PRICE |
| 1/2"-1"   | BSX9111ASSY                | \$99.95    | BSX9111ASSYE                | \$86.65    | SB1KIT        | \$18.90    | SB1KITE        | \$15.85    | CPVC—FPM<br>BSX9PLUG2   | \$46.65    |
| 1-1/4"-2" | BSX9211ASSY                | \$133.25   | BSX9211ASSYE                | \$125.60   | SB2KIT        | \$31.05    | SB2KITE        | \$23.50    |                         |            |
| 2-1/2"-4" | BSX9411ASSY                | \$239.70   | BSX9411ASSYE                | \$221.00   | SB4KIT        | \$75.55    | SB4KITE        | \$55.55    | CPVC—EPDM<br>BSX9PLUG2E | \$37.85    |
| 6"-8"     | BSX9611ASSY                | \$465.90   | BSX9611ASSYE                | \$439.45   | SB6KIT        | \$99.95    | SB6KITE        | \$70.95    |                         |            |

## GFPP

| SIZE      | COVER ASSEMBLY<br>GFPP FPM |            | COVER ASSEMBLY<br>GFPP EPDM |            | O-RING<br>FPM |            | O-RING<br>EPDM |            | PLUG*                   |            |
|-----------|----------------------------|------------|-----------------------------|------------|---------------|------------|----------------|------------|-------------------------|------------|
|           | PART NO.                   | LIST PRICE | PART NO.                    | LIST PRICE | PART NO.      | LIST PRICE | PART NO.       | LIST PRICE | PART NO.                | LIST PRICE |
| 1/2"-1"   | BSX4111ASSY                | \$109.85   | BSX4111ASSYE                | \$95.30    | SB1KIT        | \$18.90    | SB1KITE        | \$15.85    | CPVC—FPM<br>BSX4PLUG2   | \$51.40    |
| 1-1/4"-2" | BSX4211ASSY                | \$146.60   | BSX4211ASSYE                | \$138.10   | SB2KIT        | \$31.05    | SB2KITE        | \$23.50    |                         |            |
| 2-1/2"-4" | BSX4411ASSY                | \$263.75   | BSX4411ASSYE                | \$243.00   | SB4KIT        | \$75.55    | SB4KITE        | \$55.55    | CPVC—EPDM<br>BSX4PLUG2E | \$41.60    |
| 6"-8"     | BSX4611ASSY                | \$512.50   | BSX4611ASSYE                | \$483.35   | SB6KIT        | \$99.95    | SB6KITE        | \$70.95    |                         |            |

\* Plugs fit all sizes; use FPM or EPDM part number.

WARNING - If cover ever fails due to overpressurization or water-hammer failure, entire unit needs to be replaced. Failure to replace unit after water-hammer failure, or failure due to overpressurization could result in property damage, personal injury or even death.

## PVC\*\*

| SIZE   | NUT      |            | SOCKET END CONN. |            | THREADED END CONN. |            | PORT CAPS |            |
|--------|----------|------------|------------------|------------|--------------------|------------|-----------|------------|
|        | PART NO. | LIST PRICE | PART NO.         | LIST PRICE | PART NO.           | LIST PRICE | PART NO.  | LIST PRICE |
| 1/2"   | TBX11002 | \$16.05    | SBX1EC5S         | \$13.70    | SBX1EC5T           | \$13.70    | BSX1CAP1  | \$26.25    |
| 3/4"   | TBX11002 | \$16.05    | SBX1EC7S         | \$15.30    | SBX1EC7T           | \$15.30    |           |            |
| 1"     | TBX11002 | \$16.05    | ECX11S           | \$17.85    | ECX11T             | \$17.85    |           |            |
| 1-1/4" | TBX122   | \$28.80    | SBX1EC12S        | \$42.30    | SBX1EC12T          | \$42.30    | BSX1CAP2  | \$33.90    |
| 1-1/2" | TBX122   | \$28.80    | SBX1EC15S        | \$35.25    | SBX1EC15T          | \$35.25    |           |            |
| 2"     | TBX122   | \$28.80    | ECX12S           | \$37.55    | ECX12T             | \$37.55    |           |            |
| 2-1/2" | BSX132   | \$85.80    | SBX1EC25S        | \$85.80    | SBX1EC25T          | \$85.80    | BSX1CAP3  | \$43.15    |
| 3"     | BSX132   | \$85.80    | SBX1EC3S         | \$125.45   | SBX1EC3T           | \$125.45   |           |            |
| 4"     | BSX142   | \$86.65    | ECX14SBS         | \$132.00   | ECX14TBS           | \$132.00   |           |            |

\*\* For Eastar® Spare Parts, refer to PVC.

## CPVC

| SIZE   | NUT      |            | SOCKET END CONN. |            | THREADED END CONN. |            | PORT CAPS |            |
|--------|----------|------------|------------------|------------|--------------------|------------|-----------|------------|
|        | PART NO. | LIST PRICE | PART NO.         | LIST PRICE | PART NO.           | LIST PRICE | PART NO.  | LIST PRICE |
| 1/2"   | TBX91002 | \$16.90    | SBX2EC5S         | \$21.20    | SBX2EC5T           | \$21.20    | BSX2CAP1  | \$32.05    |
| 3/4"   | TBX91002 | \$16.90    | SBX2EC7S         | \$23.25    | SBX2EC7T           | \$23.25    |           |            |
| 1"     | TBX91002 | \$16.90    | ECX91S           | \$26.60    | ECX91T             | \$26.60    |           |            |
| 1-1/4" | TBX922   | \$42.65    | SBX2EC12S        | \$46.10    | SBX2EC12T          | \$46.10    | BSX2CAP2  | \$41.95    |
| 1-1/2" | TBX922   | \$42.65    | SBX2EC15S        | \$58.20    | SBX2EC15T          | \$58.20    |           |            |
| 2"     | TBX922   | \$42.65    | ECX92S           | \$55.80    | ECX92T             | \$55.80    |           |            |
| 2-1/2" | BSX932   | \$82.55    | SBX2EC25S        | \$90.05    | SBX2EC25T          | \$90.05    | BSX2CAP3  | \$41.95    |
| 3"     | BSX932   | \$82.55    | SBX2EC3S         | \$111.65   | SBX2EC3T           | \$111.65   |           |            |
| 4"     | BSX942   | \$111.25   | ECX94SBS         | \$144.95   | ECX94TBS           | \$144.95   |           |            |

# DB SERIES BASKET STRAINERS SPARE PARTS SPOOLS & VALVES

## PVC FPM

| SIZE   | DOUBLE STEM LATERAL |            | SINGLE STEM LATERAL |            |
|--------|---------------------|------------|---------------------|------------|
|        | PART NO.            | LIST PRICE | PART NO.            | LIST PRICE |
| 1/2"   | LAX1100DP2          | \$574.90   | LAX1100DP1          | \$479.20   |
| 3/4"   |                     |            |                     |            |
| 1"     |                     |            |                     |            |
| 1-1/4" | LAX1200DP2          | \$975.05   | LAX1200DP1          | \$707.60   |
| 2"     |                     |            |                     |            |
| 2-1/2" | LAX1300DP2          | \$2,025.10 | LAX1300DP1          | \$1,456.90 |
| 3"     |                     |            |                     |            |
| 4'     | LAX1400DP2          | \$1,681.50 | LAX1400DP1          | \$1,515.90 |

## PVC EPDM

| SIZE   | DOUBLE STEM LATERAL |            | SINGLE STEM LATERAL |            |
|--------|---------------------|------------|---------------------|------------|
|        | PART NO.            | LIST PRICE | PART NO.            | LIST PRICE |
| 1/2"   | LAX1100DP2E         | \$547.90   | LAX1100DP1E         | \$452.15   |
| 3/4"   |                     |            |                     |            |
| 1"     |                     |            |                     |            |
| 1-1/4" | LAX1200DP2E         | \$780.35   | LAX1200DP1E         | \$527.60   |
| 2"     |                     |            |                     |            |
| 2-1/2" | LAX1300DP2E         | \$1,977.65 | LAX1300DP1E         | \$1,427.95 |
| 3"     |                     |            |                     |            |
| 4'     | LAX1400DP2E         | \$1,634.15 | LAX1400DP1E         | \$1,471.70 |

## PVC FPM AND EPDM

| SIZE   | STEM SLEEVE |            | SPOOL    |            |
|--------|-------------|------------|----------|------------|
|        | PART NO.    | LIST PRICE | PART NO. | LIST PRICE |
| 1/2"   | DSX11SLEEVE | \$65.90    | DBX112   | \$55.55    |
| 3/4"   |             |            |          |            |
| 1"     |             |            |          |            |
| 1-1/4" | DSX12SLEEVE | \$75.05    | DBX122   | \$75.90    |
| 2"     |             |            |          |            |
| 2-1/2" | DSX13SLEEVE | \$83.20    | DBX132   | \$236.20   |
| 3"     |             |            |          |            |
| 4'     | DSX14SLEEVE | \$136.05   | --       | --         |

## CPVC FPM

| SIZE   | DOUBLE STEM LATERAL |            | SINGLE STEM LATERAL |            |
|--------|---------------------|------------|---------------------|------------|
|        | PART NO.            | LIST PRICE | PART NO.            | LIST PRICE |
| 1/2"   | LAX2100DP2          | \$639.80   | LAX2100DP1          | \$529.25   |
| 3/4"   |                     |            |                     |            |
| 1"     |                     |            |                     |            |
| 1-1/4" | LAX2200DP2          | \$1,205.35 | LAX2200DP1          | \$884.10   |
| 2"     |                     |            |                     |            |
| 2-1/2" | LAX2300DP2          | \$2,153.95 | LAX2300DP1          | \$1,807.85 |
| 3"     |                     |            |                     |            |
| 4'     | LAX2400DP2          | \$2,153.95 | LAX2400DP1          | \$1,807.85 |

# DB SERIES BASKET STRAINERS SPARE PARTS SPOOLS & VALVES (cont.)

## CPVC EPDM

| SIZE   | DOUBLE STEM LATERAL |            | SINGLE STEM LATERAL |            |
|--------|---------------------|------------|---------------------|------------|
|        | PART NO.            | LIST PRICE | PART NO.            | LIST PRICE |
| 1/2"   | LAX2100DP2E         | \$610.35   | LAX2100DP1E         | \$503.00   |
| 3/4"   |                     |            |                     |            |
| 1"     |                     |            |                     |            |
| 1-1/4" | LAX2200DP2E         | \$1,246.10 | LAX2200DP1E         | \$950.05   |
| 2"     |                     |            |                     |            |
| 2-1/2" | LAX2300DP2E         | \$2,153.95 | LAX2300DP1E         | \$1,807.85 |
| 3"     |                     |            |                     |            |
| 4"     | LAX2400DP2E         | \$2,153.95 | LAX2400DP1E         | \$1,807.85 |

## CPVC FPM AND EPDM

| SIZE   | STEM SLEEVE |            | SPOOL    |            |
|--------|-------------|------------|----------|------------|
|        | PART NO.    | LIST PRICE | PART NO. | LIST PRICE |
| 1/2"   | DSX91SLEEVE | \$68.25    | DBX212   | \$92.55    |
| 3/4"   |             |            |          |            |
| 1"     |             |            |          |            |
| 1-1/4" | DSX92SLEEVE | \$73.10    | DBX222   | \$105.40   |
| 2"     |             |            |          |            |
| 2-1/2" | --          | --         | DBX232   | \$352.05   |
| 3"     |             |            |          |            |

*Old Style*

## BASKET STRAINER PARTS

| SIZE   | PVC COVER ONLY |            | CPVC COVER ONLY |            | PP COVER ONLY |            | FPM COVER O-RING |            | EPDM COVER O-RING |            |
|--------|----------------|------------|-----------------|------------|---------------|------------|------------------|------------|-------------------|------------|
|        | PART NO.       | LIST PRICE | PART NO.        | LIST PRICE | PART NO.      | LIST PRICE | PART NO.         | LIST PRICE | PART NO.          | LIST PRICE |
| 1/2"   | BSX1010011     | \$119.50   | BSX9010011      | \$179.45   | —             |            | ORX237V70        | \$19.90    | ORX237E70         | \$14.40    |
| 3/4"   | BSX1010011     | \$119.50   | BSX9010011      | \$179.45   | —             |            | ORX237V70        | \$19.90    | ORX237E70         | \$14.40    |
| 1"     | BSX1010011     | \$119.50   | BSX9010011      | \$179.45   | BSX4010011    | \$155.50   | ORX237V70        | \$19.90    | ORX237E70         | \$14.40    |
| 1-1/2" | BSX1020011     | \$198.80   | BSX9020011      | \$299.35   | BSX4020011    | \$259.05   | ORX353V70        | \$55.15    | ORX353E70         | \$40.20    |
| 2"     | BSX1020011     | \$198.80   | BSX9020011      | \$299.35   | BSX4020011    | \$259.05   | ORX353V70        | \$55.15    | ORX353E70         | \$40.20    |
| 3"     | BSX1040011     | \$259.05   | BSX9040011      | \$392.10   | —             |            | ORX362V70        | \$69.10    | ORX362E70         | \$50.25    |
| 4"     | BSX1040011     | \$259.05   | BSX9040011      | \$392.10   | —             |            | ORX362V70        | \$69.10    | ORX362E70         | \$50.25    |
| 6"     | BSX1611        | \$299.30   | —               |            | —             |            | ORX362V70        | \$69.10    | ORX362E70         | \$50.25    |
| 8"     | BSX1611        | \$299.30   | —               |            | —             |            | ORX362V70        | \$69.10    | ORX362E70         | \$50.25    |

## YS SERIES STRAINER PARTS

### PVC AND CPVC

| SIZE   | CAP ONLY PVC |            | CAP ONLY CPVC |            |
|--------|--------------|------------|---------------|------------|
|        | PART NO.     | LIST PRICE | PART NO.      | LIST PRICE |
| 1/2"   | YCX1005013   | \$24.70    | YCX9005013    | \$35.00    |
| 3/4"   | YCX1007513   | \$30.65    | YCX9007513    | \$43.55    |
| 1"     | YCX1010013   | \$39.50    | YCX9010013    | \$58.15    |
| 1-1/4" | YCX1015013   | \$49.45    | YCX9015013    | \$70.35    |
| 1-1/2" | YCX1015013   | \$49.45    | YCX9015013    | \$70.35    |
| 2"     | YCX1020013   | \$66.70    | YCX9020013    | \$95.05    |
| 3"     | YCX1030013   | \$127.45   | YCX9030013    | \$181.60   |
| 4"     | YCX1040013   | \$172.95   | YCX9040013    | \$246.65   |

| SIZE   | CAP FPM O-RING |            | CAP EPDM O-RING |            |
|--------|----------------|------------|-----------------|------------|
|        | PART NO.       | LIST PRICE | PART NO.        | LIST PRICE |
| 1/2"   | ORX121V70      | \$12.75    | ORX121E70       | \$10.30    |
| 3/4"   | ORX128V70      | \$13.40    | ORX128E70       | \$10.75    |
| 1"     | ORX223V70      | \$14.35    | ORX223E70       | \$11.55    |
| 1-1/4" | ORX229V70      | \$15.70    | ORX229E70       | \$12.65    |
| 1-1/2" | ORX229V70      | \$15.70    | ORX229E70       | \$12.65    |
| 2"     | ORX234V70      | \$17.05    | ORX234E70       | \$13.60    |
| 3"     | ORX349V70      | \$34.45    | ORX349E70       | \$27.55    |
| 4"     | ORX357V70      | \$34.45    | ORX357E70       | \$27.55    |



## FLV SERIES BAG FILTERS

All FLV bag filters feature a one piece, injection molded thermoplastic Platinum Glass Filled Polypropylene body with FPM Seals.  
Filter Bags sold separately. EPDM Seals available as an option.

**NOW OFFERING  
SOCKET FUSION**

### GFPP DOUBLE LENGTH SIMPLEX BAG FILTERS

Double length simplex bag filters use double length 7" x 32" No. 2 bags.

| END CONN.        | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|------------------|------------------|---------------|------------|
| 1-1/4" Threaded  | GFPP             | FLV4P2S12T4VS | \$2,174.35 |
| 1-1/2" Threaded  | GFPP             | FLV4P2S15T4VS | \$2,174.35 |
| 2" Threaded      | GFPP             | FLV4P2S20T4VS | \$2,174.35 |
| 2-1/2" Threaded* | GFPP             | FLV4P2S25T4VS | \$2,935.30 |
| 3" Threaded*     | GFPP             | FLV4P2S30T4VS | \$2,935.30 |
| 4" Threaded*     | GFPP             | FLV4P2S40T4VS | \$3,261.45 |

| END CONN.      | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Flanged | GFPP             | FLV4P2S12F4VS | \$2,935.30 |
| 1-1/2" Flanged | GFPP             | FLV4P2S15F4VS | \$2,935.30 |
| 2" Flanged     | GFPP             | FLV4P2S20F4VS | \$2,935.30 |
| 3" Flanged*    | GFPP             | FLV4P2S30F4VS | \$3,696.30 |
| 4" Flanged*    | GFPP             | FLV4P2S40F4VS | \$4,457.25 |

| END CONN.      | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Socket  | CPVC             | FLV4P2S12S2VS | \$2,435.35 |
| 1-1/2" Socket  | CPVC             | FLV4P2S15S2VS | \$2,435.35 |
| 2" Socket      | CPVC             | FLV4P2S20S2VS | \$2,435.35 |
| 2-1/2" Socket* | CPVC             | FLV4P2S25S2VS | \$3,287.60 |
| 3" Socket*     | CPVC             | FLV4P2S30S2VS | \$3,287.60 |
| 4" Socket*     | CPVC             | FLV4P2S40S2VS | \$3,652.90 |

| END CONN.      | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Socket  | PVC              | FLV4P2S12S1VS | \$2,283.15 |
| 1-1/2" Socket  | PVC              | FLV4P2S15S1VS | \$2,283.15 |
| 2" Socket      | PVC              | FLV4P2S20S1VS | \$2,283.15 |
| 2-1/2" Socket* | PVC              | FLV4P2S25S1VS | \$3,082.05 |
| 3" Socket*     | PVC              | FLV4P2S30S1VS | \$3,082.05 |
| 4" Socket*     | PVC              | FLV4P2S40S1VS | \$3,424.50 |

| END CONN.             | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|-----------------------|------------------|---------------|------------|
| 1-1/4" Socket Fusion  | PP               | FLV4P2S12S3VS | \$2,174.35 |
| DN32 Socket Fusion    | PP               | FLV4P2S3MS3VS | \$2,174.35 |
| 1-1/2" Socket Fusion  | PP               | FLV4P2S15S3VS | \$2,174.35 |
| DN40 Socket Fusion    | PP               | FLV4P2S4MS3VS | \$2,174.35 |
| 2" Socket Fusion      | PP               | FLV4P2S20S3VS | \$2,174.35 |
| DN50 Socket Fusion    | PP               | FLV4P2S5MS3VS | \$2,174.35 |
| 2-1/2" Socket fusion* | PP               | FLV4P2S25S3VS | \$2,935.30 |
| DN65 Socket Fusion*   | PP               | FLV4P2S6MS3VS | \$2,935.30 |
| 3" Socket Fusion*     | PP               | FLV4P2S30S3VS | \$2,935.30 |
| DN80 Socket Fusion*   | PP               | FLV4P2S8MS3VS | \$2,935.30 |
| 4" Socket Fusion*     | PP               | FLV4P2S40S3VS | \$3,261.45 |
| DN100 Socket Fusion*  | PP               | FLV4P2S1MS3VS | \$3,261.45 |

### GFPP DOUBLE LENGTH SIMPLEX BAG FILTERS

For replacement of PP FLT series

| END CONN. | END CONN. MAT.**                    | PART NO.***    | LIST PRICE |
|-----------|-------------------------------------|----------------|------------|
| 2"        | Female Threaded on Body/GFPP        | FLV4P2S20D4VS  | \$2,270.80 |
| 2"        | Female Threaded on Body/GFPP Flange | FLV4P2S20DF4VS | \$2,939.55 |

\* Sizes 2-1/2" - 4"/DN65 - DN100 are available ONLY in double length vessels.

\*\* GFPP end connectors are available only in threaded or flanged. PVC & CPVC end connections are available in Socket. For Flanged, consult factory.

\*\*\* If hinged basket is required, exchange the ending suffix S with an L. The hinged basket is only recommended if regular monitoring of the process is a standard procedure, and differential pressure gauges or other means are being utilized, with a maximum differential pressure rating as stated in our FLV operating manual.

**BAG FILTERS**





## FLV SERIES BAG FILTERS (cont.)

All FLV bag filters feature a one piece, injection molded thermoplastic Platinum Glass Filled Polypropylene body with FPM Seals.  
Filter Bags sold separately. EPDM Seals available as an option.



### GFPP SINGLE LENGTH SIMPLEX BAG FILTERS

Single length simplex bag filters use single length 7" x 16" No.1 bags.

| END CONN.       | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|-----------------|------------------|---------------|------------|
| 1-1/4" Threaded | GFPP             | FLV4P1S12T4VS | \$1,837.00 |
| 1-1/2" Threaded | GFPP             | FLV4P1S15T4VS | \$1,837.00 |
| 2" Threaded     | GFPP             | FLV4P1S20T4VS | \$1,837.00 |

| END CONN.      | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Flanged | GFPP             | FLV4P1S12F4VS | \$2,479.95 |
| 1-1/2" Flanged | GFPP             | FLV4P1S15F4VS | \$2,479.95 |
| 2" Flanged     | GFPP             | FLV4P1S20F4VS | \$2,479.95 |

| END CONN.     | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|---------------|------------------|---------------|------------|
| 1-1/4" Socket | CPVC             | FLV4P1S12S2VS | \$2,057.40 |
| 1-1/2" Socket | CPVC             | FLV4P1S15S2VS | \$2,057.40 |
| 2" Socket     | CPVC             | FLV4P1S20S2VS | \$2,057.40 |

| END CONN.     | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|---------------|------------------|---------------|------------|
| 1-1/4" Socket | PVC              | FLV4P1S12S1VS | \$1,928.80 |
| 1-1/2" Socket | PVC              | FLV4P1S15S1VS | \$1,928.80 |
| 2" Socket     | PVC              | FLV4P1S20S1VS | \$1,928.80 |

| END CONN.            | END CONN. MAT.** | PART NO.***   | LIST PRICE |
|----------------------|------------------|---------------|------------|
| 1-1/4" Socket Fusion | PP               | FLV4P1S12S3VS | \$1,837.00 |
| DN 32 Socket Fusion  | PP               | FLV4P1S3MS3VS | \$1,837.00 |
| 1-1/2" Socket Fusion | PP               | FLV4P1S15S3VS | \$1,837.00 |
| DN40 Socket Fusion   | PP               | FLV4P1S4MS3VS | \$1,837.00 |
| 2" Socket Fusion     | PP               | FLV4P1S20S3VS | \$1,837.00 |
| DN50 Socket Fusion   | PP               | FLV4P1S5MS3VS | \$1,837.00 |

### GFPP SINGLE LENGTH SIMPLEX BAG FILTERS

For replacement of PP FLT series

| END CONN. | END CONN. MAT.**                    | PART NO.***    | LIST PRICE |
|-----------|-------------------------------------|----------------|------------|
| 2"        | Female Threaded on Body/GFPP        | FLV4P1S20D4VS  | \$1,929.70 |
| 2"        | Female Threaded on Body/GFPP Flange | FLV4P1S20DF4VS | \$2,572.75 |

\* Sizes 2-1/2" to 4" are available ONLY in double length vessels.

\*\* GFPP end connectors are available only in threaded or flanged. PVC & CPVC end connections are available in Socket. For Flanged, consult factory.

\*\*\* If hinged basket is required, exchange the ending suffix S with an L. The hinged basket is only recommended if regular monitoring of the process is a standard procedure, and differential pressure gauges or other means are being utilized, with a maximum differential pressure rating as stated in our FLV operating manual.

## FLV SERIES BAG FILTERS (cont.)



### GFPP DOUBLE LENGTH DUPLEX BAG FILTERS

Each double length simplex bag filter uses double length 7" x 32" No.2 bags.

| END CONN.            | END CONN. MAT.** | PART NO.       | LIST PRICE |
|----------------------|------------------|----------------|------------|
| 2" Socket & Threaded | CPVC             | FLV4P2D20ST2VS | POA        |
| 3" Socket*           | CPVC             | FLV4P2D30S2VS  | POA        |
| 4" Socket*           | CPVC             | FLV4P2D40S2VS  | POA        |

| END CONN.   | END CONN. MAT.** | PART NO.      | LIST PRICE |
|-------------|------------------|---------------|------------|
| 2" Flanged  | CPVC             | FLV4P2D20F2VS | POA        |
| 3" Flanged* | CPVC             | FLV4P2D30F2VS | POA        |
| 4" Flanged* | CPVC             | FLV4P2D40F2VS | POA        |

\* Sizes 2-1/2" to 4" are available ONLY in double length vessels.

\*\* GFPP end connectors are available only in threaded or flanged. PVC & CPVC end connections are available in Socket and Flanged. For Flanged, consult factory.

\*\*\* If hinged basket is required, exchange the ending suffix S with an L. The hinged basket is only recommended if regular monitoring of the process is a standard procedure, and differential pressure gauges or other means are being utilized, with a maximum differential pressure rating as stated in our FLV operating manual.

### GFPP SINGLE LENGTH DUPLEX BAG FILTERS

Each single length simplex bag filter uses single length 7" x 16" No.1 bags.



| END CONN.            | END CONN. MAT.** | PART NO.       | LIST PRICE |
|----------------------|------------------|----------------|------------|
| 2" Socket & Threaded | CPVC             | FLV4P1D20ST2VS | POA        |

| END CONN.  | END CONN. MAT.** | PART NO.      | LIST PRICE |
|------------|------------------|---------------|------------|
| 2" Flanged | CPVC             | FLV4P1D20F2VS | POA        |

\*\* GFPP end connectors are available only in threaded or flanged. PVC & CPVC end connections are available in Socket and Flanged. For Flanged, consult factory.

\*\*\* If hinged basket is required, exchange the ending suffix S with an L. The hinged basket is only recommended if regular monitoring of the process is a standard procedure, and differential pressure gauges or other means are being utilized, with a maximum differential pressure rating as stated in our FLV operating manual.



## PVC & CPVC FLV SERIES BAG FILTERS

The New FLV bag filters feature all thermoplastic PVC or CPVC construction with true union connections and FPM Seals. EPDM Seals optional, consult factory for pricing. Solid 1-pc. bag carrier. Vent valve included.

### PVC / CPVC DOUBLE LENGTH SIMPLEX BAG FILTERS

Double length simplex bag filters use single length 7" x 32" No. 2 bags.

| END CONN.                         | MATERIAL | PART NO.    | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | PVC      | FLV12S12STV | \$2,300.90 |
| 1-1/2" True Union Socket/Threaded | PVC      | FLV12S15STV | \$2,300.90 |
| 2" True Union Socket/Threaded     | PVC      | FLV12S20STV | \$2,300.90 |
| 2-1/2" True Union Socket          | PVC      | FLV12S25SV  | \$3,106.20 |
| 3" True Union Socket              | PVC      | FLV12S30SV  | \$3,106.20 |
| 4" True Union Socket              | PVC      | FLV12S40SV  | \$3,451.30 |
| 2-1/2" True Union Threaded        | PVC      | FLV12S25TV  | \$3,106.20 |
| 3" True Union Threaded            | PVC      | FLV12S30TV  | \$3,106.20 |
| 4" True Union Threaded            | PVC      | FLV12S40TV  | \$3,451.30 |

| END CONN.                 | MATERIAL | PART NO.   | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | PVC      | FLV12S12FV | \$3,026.10 |
| 1-1/2" True Union Flanged | PVC      | FLV12S15FV | \$3,026.10 |
| 2" True Union Flanged     | PVC      | FLV12S20FV | \$3,026.10 |
| 2-1/2" True Union Flanged | PVC      | FLV12S25FV | \$3,810.65 |
| 3" True Union Flanged     | PVC      | FLV12S30FV | \$3,810.65 |
| 4" True Union Flanged     | PVC      | FLV12S40FV | \$4,595.10 |

| END CONN.                         | MATERIAL | PART NO.    | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | CPVC     | FLV22S12STV | \$2,618.70 |
| 1-1/2" True Union Socket/Threaded | CPVC     | FLV22S15STV | \$2,618.70 |
| 2" True Union Socket/Threaded     | CPVC     | FLV22S20STV | \$2,618.70 |
| 2-1/2" True Union Socket          | CPVC     | FLV22S25SV  | \$3,535.10 |
| 3" True Union Socket              | CPVC     | FLV22S30SV  | \$3,535.10 |
| 4" True Union Socket              | CPVC     | FLV22S40SV  | \$3,927.90 |
| 2-1/2" True Union Threaded        | CPVC     | FLV22S25TV  | \$3,535.10 |
| 3" True Union Threaded            | CPVC     | FLV22S30TV  | \$3,535.10 |
| 4" True Union Threaded            | CPVC     | FLV22S40TV  | \$3,927.90 |

| END CONN.                 | MATERIAL | PART NO.   | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | CPVC     | FLV22S12FV | \$3,156.35 |
| 1-1/2" True Union Flanged | CPVC     | FLV22S15FV | \$3,156.35 |
| 2" True Union Flanged     | CPVC     | FLV22S20FV | \$3,156.35 |
| 2-1/2" True Union Flanged | CPVC     | FLV22S25FV | \$3,974.60 |
| 3" True Union Flanged     | CPVC     | FLV22S30FV | \$3,974.60 |
| 4" True Union Flanged     | CPVC     | FLV22S40FV | \$4,792.75 |



## PVC & CPVC FLV SERIES BAG FILTERS (cont.)

### PVC / CPVC SINGLE LENGTH SIMPLEX BAG FILTERS

Single length simplex bag filters use single length 7" x 16" No. 1 bags.

| END CONN.                         | MATERIAL | PART NO.    | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | PVC      | FLV11S12STV | \$2,143.20 |
| 1-1/2" True Union Socket/Threaded | PVC      | FLV11S15STV | \$2,143.20 |
| 2" True Union Socket/Threaded     | PVC      | FLV11S20STV | \$2,143.20 |

| END CONN.                 | MATERIAL | PART NO.   | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | PVC      | FLV11S12FV | \$2,610.45 |
| 1-1/2" True Union Flanged | PVC      | FLV11S15FV | \$2,610.45 |
| 2" True Union Flanged     | PVC      | FLV11S20FV | \$2,610.45 |

| END CONN.                         | MATERIAL | PART NO.    | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | CPVC     | FLV21S12STV | \$2,286.10 |
| 1-1/2" True Union Socket/Threaded | CPVC     | FLV21S15STV | \$2,286.10 |
| 2" True Union Socket/Threaded     | CPVC     | FLV21S20STV | \$2,286.10 |

| END CONN.                 | MATERIAL | PART NO.   | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | CPVC     | FLV21S12FV | \$2,666.60 |
| 1-1/2" True Union Flanged | CPVC     | FLV21S15FV | \$2,666.60 |
| 2" True Union Flanged     | CPVC     | FLV21S20FV | \$2,666.60 |

### PVC / CPVC DUPLEX BAG FILTERS

Each double length simplex bag filter uses double length 7" x 32" No. 2 bags.

| END CONN.                     | MATERIAL | PART NO.    | LIST PRICE  |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | PVC      | FLV12D20STV | \$10,306.40 |
| 3" True Union Socket          | PVC      | FLV12D30SV  | POA         |
| 4" True Union Socket          | PVC      | FLV12D40SV  | POA         |

| END CONN.             | MATERIAL | PART NO.   | LIST PRICE  |
|-----------------------|----------|------------|-------------|
| 2" True Union Flanged | PVC      | FLV12D20FV | \$13,913.45 |
| 3" True Union Flanged | PVC      | FLV12D30FV | POA         |
| 4" True Union Flanged | PVC      | FLV12D40FV | POA         |

| END CONN.                     | MATERIAL | PART NO.    | LIST PRICE  |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | CPVC     | FLV22D20STV | \$11,451.60 |
| 3" True Union Socket          | CPVC     | FLV22D30SV  | POA         |
| 4" True Union Socket          | CPVC     | FLV22D40SV  | POA         |

| END CONN.             | MATERIAL | PART NO.   | LIST PRICE  |
|-----------------------|----------|------------|-------------|
| 2" True Union Flanged | CPVC     | FLV22D20FV | \$15,459.30 |
| 3" True Union Flanged | CPVC     | FLV22D20FV | POA         |
| 4" True Union Flanged | CPVC     | FLV22D20FV | POA         |

### PVC / CPVC DUPLEX BAG FILTERS

Each single length simplex bag filter uses single length 7" x 16" No. 1 bags.

| END CONN.                     | MATERIAL | PART NO.    | LIST PRICE  |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | PVC      | FLV11D20STV | \$8,707.20  |
| 2" True Union Flanged         | PVC      | FLV11D20FV  | \$11,754.80 |

| END CONN.                     | MATERIAL | PART NO.    | LIST PRICE  |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | CPVC     | FLV21D20STV | \$9,674.70  |
| 2" True Union Flanged         | CPVC     | FLV21D20FV  | \$13,060.95 |



## FILTER BAGS

### PP, POLYESTER AND NYLON FILTER BAGS

*Sewn and Welded Construction*

**Sold by CARTON QUANTITY ONLY - 50 bags each carton\*\***

*Polypropylene needle felt bags are glazed finish and Polyester needle felt bags are singed finish.*

### PP NEEDLE FELT GLAZED FILTER BAGS – SEWN CONSTRUCTION & PP RING

| MICRON     | Single Length* |             |                    | Double Length* |             |                    |
|------------|----------------|-------------|--------------------|----------------|-------------|--------------------|
|            | PART NO.       | CARTON QTY. | LIST PRICE PER BAG | PART NO.       | CARTON QTY. | LIST PRICE PER BAG |
| 1 micron   | PO001G1PRSH    | 50          | \$7.05             | PO001G2PRSH    | 50          | \$9.70             |
| 5 micron   | PO005G1PRSH    | 50          | \$5.95             | PO005G2PRSH    | 50          | \$7.65             |
| 10 micron  | PO010G1PRSH    | 50          | \$5.95             | PO010G2PRSH    | 50          | \$7.65             |
| 25 micron  | PO025G1PRSH    | 50          | \$5.95             | PO025G2PRSH    | 50          | \$7.65             |
| 50 micron  | PO050G1PRSH    | 50          | \$5.95             | PO050G2PRSH    | 50          | \$7.65             |
| 100 micron | PO100G1PRSH    | 50          | \$5.95             | PO100G2PRSH    | 50          | \$7.65             |
| 200 micron | PO200G1PRSH    | 50          | \$5.95             | PO200G2PRSH    | 50          | \$7.65             |

### PP NEEDLE FELT GLAZED FILTER BAGS – WELDED & PP FLANGE & PP HANDLES

| MICRON     | Single Length* |             |                    | Double Length* |             |                    |
|------------|----------------|-------------|--------------------|----------------|-------------|--------------------|
|            | PART NO.       | CARTON QTY. | LIST PRICE PER BAG | PART NO.       | CARTON QTY. | LIST PRICE PER BAG |
| 1 micron   | PO001G1PFWF    | 50          | \$5.95             | PO001G2PFWF    | 50          | \$8.90             |
| 5 micron   | PO005G1PFWF    | 50          | \$5.00             | PO005G2PFWF    | 50          | \$6.85             |
| 10 micron  | PO010G1PFWF    | 50          | \$5.00             | PO010G2PFWF    | 50          | \$6.85             |
| 25 micron  | PO025G1PFWF    | 50          | \$5.00             | PO025G2PFWF    | 50          | \$6.85             |
| 50 micron  | PO050G1PFWF    | 50          | \$5.00             | PO050G2PFWF    | 50          | \$6.85             |
| 100 micron | PO100G1PFWF    | 50          | \$5.00             | PO100G2PFWF    | 50          | \$6.85             |
| 200 micron | PO200G1PFWF    | 50          | \$5.00             | PO200G2PFWF    | 50          | \$6.85             |

### POLYESTER NEEDLE FELT SINGED FILTER BAGS – SEWN CONSTRUCTION & PP RING

| MICRON     | Single Length* |             |                    | Double Length* |             |                    |
|------------|----------------|-------------|--------------------|----------------|-------------|--------------------|
|            | PART NO.       | CARTON QTY. | LIST PRICE PER BAG | PART NO.       | CARTON QTY. | LIST PRICE PER BAG |
| 1 micron   | PE001S1PRSH    | 50          | \$6.70             | PE001S2PRSH    | 50          | \$9.35             |
| 5 micron   | PE005S1PRSH    | 50          | \$5.70             | PE005S2PRSH    | 50          | \$7.40             |
| 10 micron  | PE010S1PRSH    | 50          | \$5.70             | PE010S2PRSH    | 50          | \$7.40             |
| 25 micron  | PE025S1PRSH    | 50          | \$5.70             | PE025S2PRSH    | 50          | \$7.40             |
| 50 micron  | PE050S1PRSH    | 50          | \$5.70             | PE050S2PRSH    | 50          | \$7.40             |
| 100 micron | PE100S1PRSH    | 50          | \$5.70             | PE100S2PRSH    | 50          | \$7.40             |
| 200 micron | PE200S1PRSH    | 50          | \$5.70             | PE200S2PRSH    | 50          | \$7.40             |

\* FLV bag filters use single length 7" x 16" No. 1 bags or double length 7" x 32" No. 2 bags.

\*\* Surcharge of \$30 per sku to be applied on orders less than carton quantities



## FILTER BAGS (cont.)

### PP, POLYESTER AND NYLON FILTER BAGS

*Sewn and Welded Construction*

**Sold by CARTON QUANTITY ONLY - 50 bags each carton\*\***

*Polypropylene needle felt bags are of glazed finish and Polyester needle felt bags are of singed finish.*

### POLYESTER NEEDLE FELT SINGED FILTER BAGS – WELDED & PP FLANGE & PP HANDLES

|            | Single Length* |             |                    | Double Length* |             |                    |
|------------|----------------|-------------|--------------------|----------------|-------------|--------------------|
| MICRON     | PART NO.       | CARTON QTY. | LIST PRICE PER BAG | PART NO.       | CARTON QTY. | LIST PRICE PER BAG |
| 1 micron   | PE001S1PFWF    | 50          | \$5.70             | PE001S2PFWF    | 50          | \$8.60             |
| 5 micron   | PE005S1PFWF    | 50          | \$4.75             | PE005S2PFWF    | 50          | \$6.55             |
| 10 micron  | PE010S1PFWF    | 50          | \$4.75             | PE010S2PFWF    | 50          | \$6.55             |
| 25 micron  | PE025S1PFWF    | 50          | \$4.75             | PE025S2PFWF    | 50          | \$6.55             |
| 50 micron  | PE050S1PFWF    | 50          | \$4.75             | PE050S2PFWF    | 50          | \$6.55             |
| 100 micron | PE100S1PFWF    | 50          | \$4.75             | PE100S2PFWF    | 50          | \$6.55             |
| 200 micron | PE200S1PFWF    | 50          | \$4.75             | PE200S2PFWF    | 50          | \$6.55             |

### PP MONOFILAMENT MESH FILTER BAGS – SEWN & PP RING

|            | Single Length* |             |                    | Double Length* |             |                    |
|------------|----------------|-------------|--------------------|----------------|-------------|--------------------|
| MICRON     | PART NO.       | CARTON QTY. | LIST PRICE PER BAG | PART NO.       | CARTON QTY. | LIST PRICE PER BAG |
| 150 micron | PMO150M1PRSH   | 50          | \$10.25            | PMO150M2PRSH   | 50          | \$14.25            |
| 400 micron | PMO400M1PRSH   | 50          | \$10.25            | PMO400M2PRSH   | 50          | \$14.25            |
| 600 micron | PMO600M1PRSH   | 50          | \$8.30             | PMO600M2PRSH   | 50          | \$13.50            |
| 800 micron | PMO800M1PRSH   | 50          | \$8.30             | PMO800M2PRSH   | 50          | \$13.50            |

### NYLON MONOFILAMENT MESH FILTER BAGS – SEWN & PP RING

|            | Single Length* |             |                    | Double Length* |             |                    |
|------------|----------------|-------------|--------------------|----------------|-------------|--------------------|
| MICRON     | PART NO.       | CARTON QTY. | LIST PRICE PER BAG | PART NO.       | CARTON QTY. | LIST PRICE PER BAG |
| 150 micron | NMO150M1PRSH   | 50          | \$10.05            | NMO150M2PRSH   | 50          | \$14.05            |
| 400 micron | NMO400M1PRSH   | 50          | \$10.05            | NMO400M2PRSH   | 50          | \$14.05            |
| 600 micron | NMO600M1PRSH   | 50          | \$8.20             | NMO600M2PRSH   | 50          | \$13.35            |
| 800 micron | NMO800M1PRSH   | 50          | \$8.20             | NMO800M2PRSH   | 50          | \$13.35            |

\* FLV bag filters use single length 7" x 16" No. 1 bags or double length 7" x 32" No. 2 bags.

\*\* Surcharge of \$30 per sku to be applied on orders less than carton quantities



## CFLV SERIES CARTRIDGE FILTERS - SIMPLEX & DUPLEX

*FLV Cartridge Filters feature a one piece, injection molded thermoplastic Platinum Glass Filled Polypropylene body with FPM Seals.*

*Cartridges and Cartridge Adapter Kits sold separately.*

**NOW OFFERING  
SOCKET FUSION**

### SIMPLEX DOUBLE LENGTH CARTRIDGE FILTERS

| END CONN.   | END CONN. MAT. | PART NO.      | LIST PRICE        |
|-------------|----------------|---------------|-------------------|
| 2" Threaded | GFPP           | CFLV4P2S20T4V | <b>\$1,745.00</b> |
| 2" Flanged  | GFPP           | CFLV4P2S20F4V | <b>\$2,270.10</b> |
| 3" Threaded | GFPP           | CFLV4P2S30T4V | <b>\$2,506.70</b> |
| 4" Threaded | GFPP           | CFLV4P2S40T4V | <b>\$2,833.15</b> |

|           |      |               |                   |
|-----------|------|---------------|-------------------|
| 2" Socket | CPVC | CFLV4P2S20S2V | <b>\$1,965.45</b> |
| 3" Socket | CPVC | CFLV4P2S30S2V | <b>\$2,004.50</b> |
| 4" Socket | CPVC | CFLV4P2S40S2V | <b>\$3,222.05</b> |

|           |     |               |                   |
|-----------|-----|---------------|-------------------|
| 2" Socket | PVC | CFLV4P2S20S1V | <b>\$1,852.30</b> |
| 3" Socket | PVC | CFLV4P2S30S1V | <b>\$2,651.20</b> |
| 4" Socket | PVC | CFLV4P2S40S1V | <b>\$2,993.65</b> |

|                     |    |               |                   |
|---------------------|----|---------------|-------------------|
| 2" Socket Fusion    | PP | CFLV4P2S20S3V | <b>\$1,745.00</b> |
| DN50 Socket Fusion  | PP | CFLV4P2S5MS3V | <b>\$1,745.00</b> |
| 3" Socket Fusion*   | PP | CFLV4P2S30S3V | <b>\$2,506.70</b> |
| DN80 Socket Fusion  | PP | CFLV4P2S8MS3V | <b>\$2,506.70</b> |
| 4" Socket Fusion*   | PP | CFLV4P2S40S3V | <b>\$2,833.15</b> |
| DN100 Socket Fusion | PP | CFLV4P2S1MS3V | <b>\$2,833.15</b> |

### SIMPLEX DOUBLE LENGTH CARTRIDGE FILTERS *For replacement of PP FLT series*

| END CONN. | END CONNECTION/MATERIAL                           | PART NO.       | LIST PRICE        |
|-----------|---------------------------------------------------|----------------|-------------------|
| 2"        | Double Length Filter Vessel With Female NPT Ports | CFLV4P2S20D4V  | <b>\$1,804.15</b> |
| 2"        | Double Length Filter Vessel With GFPP Flanges     | CFLV4P2S20DF4V | <b>\$2,460.05</b> |



## CFLV SERIES CARTRIDGE FILTERS - SIMPLEX & DUPLEX (cont.)

FLV Cartridge Filters feature a one piece, injection molded thermoplastic Platinum Glass Filled Polypropylene body with FPM Seals. Cartridges and Cartridge Adapter Kits sold separately.

**NOW OFFERING  
SOCKET FUSION**

### SIMPLEX SINGLE LENGTH CARTRIDGE FILTERS

| END CONN.          | END CONN. MAT. | PART NO.      | LIST PRICE        |
|--------------------|----------------|---------------|-------------------|
| 2" Threaded        | GFPP           | CFLV4P1S20T4V | <b>\$1,571.10</b> |
| 2" Socket          | CPVC           | CFLV4P1S20S2V | <b>\$1,791.50</b> |
| 2" Socket          | PVC            | CFLV4P1S20S1V | <b>\$1,663.00</b> |
| 2" Flanged         | GFPP           | CFLV4P1S20F4V | <b>\$2,097.65</b> |
| 2" Socket Fusion   | PP             | CFLV4P1S20S3V | <b>\$1,571.10</b> |
| DN50 Socket Fusion | PP             | CFLV4P1S5MS3V | <b>\$1,571.10</b> |

### SIMPLEX SINGLE LENGTH CARTRIDGE FILTERS *For replacement of PP FLT series*

| END CONN. | END CONNECTION/MATERIAL                           | PART NO.       | LIST PRICE        |
|-----------|---------------------------------------------------|----------------|-------------------|
| 2"        | Single Length Filter Vessel With Female NPT Ports | CFLV4P1S20D4V  | <b>\$1,663.85</b> |
| 2"        | Single Length Filter Vessel with GFPP Flanges     | CFLV4P1S20DF4V | <b>\$2,306.85</b> |

### DUPLEX DOUBLE LENGTH CARTRIDGE FILTERS

| END CONN. | END CONNECTION/MATERIAL                                                   | PART NO.       | LIST PRICE |
|-----------|---------------------------------------------------------------------------|----------------|------------|
| 2"        | GFPP Double Length Filter Vessel w/CPVC Socket & Threaded End Connections | CFLV4P2D20ST2V | <b>POA</b> |
| 3"        | GFPP Double Length Filter Vessel w/CPVC Socket End Connections            | CFLV4P2D30S2V  | <b>POA</b> |
| 4"        | GFPP Double Length Filter Vessel w/CPVC Socket End Connections            | CFLV4P2D40S2V  | <b>POA</b> |
| 2"        | GFPP Double Length Filter Vessel w/CPVC Flanged End Connections           | CFLV4P2D20F2V  | <b>POA</b> |
| 3"        | GFPP Double Length Filter Vessel w/CPVC Flanged End Connections           | CFLV4P2D30F2V  | <b>POA</b> |
| 4"        | GFPP Double Length Filter Vessel w/CPVC Flanged End Connections           | CFLV4P2D40F2V  | <b>POA</b> |

### DUPLEX SINGLE LENGTH CARTRIDGE FILTERS *For replacement of PP FLT series*

| END CONN. | END CONNECTION/MATERIAL                                                   | PART NO.       | LIST PRICE |
|-----------|---------------------------------------------------------------------------|----------------|------------|
| 2"        | GFPP Single Length Filter Vessel w/CPVC Socket & Threaded End Connections | CFLV4P1D20ST2V | <b>POA</b> |
| 2"        | GFPP Single Length Filter Vessel w/CPVC Flanged End Connections           | CFLV4P1D20F2V  | <b>POA</b> |



## CFLV SERIES CARTRIDGE FILTER ADAPTER KITS

The CFLV Series cartridge filter is designed to accommodate various cartridge elements. Our cartridge adapter kits are manufactured in polypropylene, and cover Hayward cartridges as well as cartridges from other manufacturers. Installation is easy and fast. For detailed installation, please follow the instruction manual included with each kit.

Cartridges are sold separately.



### CFLV SERIES CARTRIDGE FILTER ADAPTER KIT FOR INSTALLATION OF SINGLE (1) CARTRIDGES/HAYWARD

| DESCRIPTION                                                                                           | PART NO.   | LIST PRICE |
|-------------------------------------------------------------------------------------------------------|------------|------------|
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 7" x 16" (DOE)                | CFLVKIT716 | \$439.30   |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 7" x 16" (DOE) Double Stacked | CFLVKIT732 | \$458.95   |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 7" x 30" (DOE)                | CFLVKIT730 | \$439.30   |



### CFLV SERIES CARTRIDGE FILTER ADAPTER KIT FOR INSTALLATION OF SINGLE (1) CARTRIDGES/OTHER MANUFACTURERS\*\*\*\*

| DESCRIPTION                                                                                               | PART NO.   | LIST PRICE |
|-----------------------------------------------------------------------------------------------------------|------------|------------|
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 4-1/2" x 10"*** (DOE or 222 CAP)* | CFLVKIT410 | \$439.30   |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 4-1/2" x 30"*** (DOE or 222 CAP)* | CFLVKIT430 | \$439.30   |
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 7-3/4" x 10"**** (DOE)            | CFLVKIT810 | \$439.30   |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 7-3/4" x 30"**** (DOE)            | CFLVKIT830 | \$439.30   |



### CFLV SERIES CARTRIDGE FILTER ADAPTER KIT FOR INSTALLATION OF MULTIPLE (5) CARTRIDGES/HAYWARD AND OTHER MANUFACTURERS\*\*\*\*

| DESCRIPTION                                                                                                      | PART NO.   | LIST PRICE |
|------------------------------------------------------------------------------------------------------------------|------------|------------|
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 2-1/2"-2-3/4" x 10"*** (DOE or 222 CAP)* | MFLVKIT210 | \$780.15   |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 2-1/2"-2-3/4" x 30"*** (DOE or 222 CAP)* | MFLVKIT230 | \$780.15   |

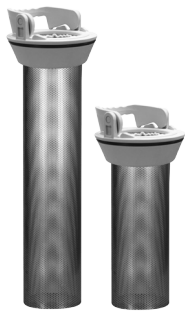
- Consult factory for other cartridge kit sizes.
- Some kits contain dual purpose components.

\* Designated adapters are designed to work with DOE and 222 End Connectors. When using 222 FIN cartridges, please contact factory for options before ordering adapters.

\*\* ID minimum of 1".

\*\*\* ID minimum of 2-5/8".

\*\*\*\* When using non-Hayward manufactured cartridges, it is suggested to check cartridge dimensions and/or consult factory for proper fit.



## FLV SERIES STAINLESS STEEL BASKETS

Available in both single and double lengths, the 316 Stainless Steel basket provides a highly efficient option for increased differential pressure conditions. The basket itself provides the structural strength required when processing highly viscous materials or when experiencing high solids loading.

The construction of this basket prevents by-pass of unprocessed fluids. With enhanced strength, it allows for a wide application range for the FLV Series bag filters. The large open area ratio, robust construction and easy installation makes this design an optimal choice for demanding chemical and corrosive applications. Features 316 SS baskets with basket ring assembly\* and FPM seals. For EPDM, add suffix "E" to Part No. List prices same as FPM. **Use with filter bag.**

**If a filter vessel is needed, choose CFLV Series Filters from page 120-121.**

### SINGLE LENGTH FLV - FPM WITH BASKET RING ASSEMBLY\*

| PERFORATION | PART NO.   | LIST PRICE |
|-------------|------------|------------|
| 5/32"       | FLVB701532 | \$1,898.60 |

### DOUBLE LENGTH FLV - FPM WITH BASKET RING ASSEMBLY\*

| PERFORATION | PART NO.   | LIST PRICE |
|-------------|------------|------------|
| 5/32"       | FLVB702532 | \$2,041.05 |

### SINGLE LENGTH FLV - BASKETS ONLY

| PERFORATION | PART NO.      | LIST PRICE |
|-------------|---------------|------------|
| 5/32"       | FLVB701532BSK | \$1,601.20 |

### DOUBLE LENGTH FLV - BASKETS ONLY

| PERFORATION | PART NO.      | LIST PRICE |
|-------------|---------------|------------|
| 5/32"       | FLVB702532BSK | \$1,743.60 |

\* Basket ring assembly will only work with SS baskets and not with GFPP baskets due to a different bag ring. Order bag ring for SS basket from page 126 if using an existing GFPP basket ring assembly.



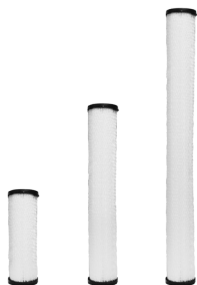
## SINGLE CARTRIDGE FILTERS FOR 2-1/2" CARTRIDGES

Used to filter fine particles from process fluid. Available in 10", 20" and 30" heights in PVC and CPVC. The single, double open-ended cartridge is not supplied with the unit and must be purchased separately. Cartridges are NOT stackable. The maximum flow rate per 10" length is 5 GPM. FPM seal is standard. Optional mounting base is available for mounting unit to floor or work surface.

**Select 2-1/2" PP pleated cartridges from page 124.**

| MATERIAL   | PART NO. | INLET (FNPT) | OUTLET (MNPT) | PLEATED CARTRIDGE FILTER AREA | APPROX. SHIPPING WEIGHT | LIST PRICE |
|------------|----------|--------------|---------------|-------------------------------|-------------------------|------------|
| PVC - 10"  | FLT110   | 3/4"         | 3/4"          | 4.5 sq ft                     | 7 lbs                   | \$532.55   |
| CPVC - 10" | FLT210   | 3/4"         | 3/4"          | 4.5 sq ft                     | 7 lbs                   | \$709.95   |
| PVC - 20"  | FLT120   | 3/4"         | 3/4"          | 9.0 sq ft                     | 12 lbs                  | \$639.60   |
| CPVC - 20" | FLT220   | 3/4"         | 3/4"          | 9.0 sq ft                     | 12 lbs                  | \$887.45   |
| PVC - 30"  | FLT130   | 3/4"         | 3/4"          | 13.5 sq ft                    | 17 lbs                  | \$828.35   |
| CPVC - 30" | FLT230   | 3/4"         | 3/4"          | 13.5 sq ft                    | 17 lbs                  | \$1,064.90 |

Optional Base: Add suffix "B" to filter part number, List adder \$36.95.



## FILTER CARTRIDGES

**Sold by CARTON QUANTITY ONLY.**

Surcharge of \$30 per sku to be applied on orders less than carton quantities.

Micron ratings are nominal.

### 2-1/2" PP PLEATED CARTRIDGES - PVC DOE

| 10" LENGTH |           |           |                          | 30" LENGTH |           |           |                          |
|------------|-----------|-----------|--------------------------|------------|-----------|-----------|--------------------------|
| MICRON     | PART NO.  | CTN. QTY. | LIST PRICE PER CARTRIDGE | MICRON     | PART NO.  | CTN. QTY. | LIST PRICE PER CARTRIDGE |
| 1 micron   | PO001P210 | 25        | <b>\$51.30</b>           | 1 micron   | PO001P230 | 25        | <b>\$103.40</b>          |
| 5 micron   | PO005P210 | 25        | <b>\$49.90</b>           | 5 micron   | PO005P230 | 25        | <b>\$98.05</b>           |
| 10 micron  | PO010P210 | 25        | <b>\$45.55</b>           | 10 micron  | PO010P230 | 25        | <b>\$92.70</b>           |
| 30 micron  | PO030P210 | 25        | <b>\$43.35</b>           | 30 micron  | PO030P230 | 25        | <b>\$80.70</b>           |

| 20" LENGTH |           |           |                          |
|------------|-----------|-----------|--------------------------|
| MICRON     | PART NO.  | CTN. QTY. | LIST PRICE PER CARTRIDGE |
| 1 micron   | PO001P220 | 25        | <b>\$74.20</b>           |
| 5 micron   | PO005P220 | 25        | <b>\$70.10</b>           |
| 10 micron  | PO010P220 | 25        | <b>\$66.30</b>           |
| 30 micron  | PO030P220 | 25        | <b>\$58.45</b>           |

### 7" PP PLEATED CARTRIDGES - PVC DOE

| 16" LENGTH |           |           |                          | 30" LENGTH |           |           |                          |
|------------|-----------|-----------|--------------------------|------------|-----------|-----------|--------------------------|
| MICRON     | PART NO.  | CTN. QTY. | LIST PRICE PER CARTRIDGE | MICRON     | PART NO.  | CTN. QTY. | LIST PRICE PER CARTRIDGE |
| 1 micron   | PO001P716 | 4         | <b>\$296.60</b>          | 1 micron   | PO001P730 | 4         | <b>\$437.10</b>          |
| 5 micron   | PO005P716 | 4         | <b>\$282.55</b>          | 5 micron   | PO005P730 | 4         | <b>\$416.85</b>          |
| 10 micron  | PO010P716 | 4         | <b>\$242.00</b>          | 10 micron  | PO010P730 | 4         | <b>\$365.30</b>          |
| 30 micron  | PO030P716 | 4         | <b>\$168.60</b>          | 30 micron  | PO030P730 | 4         | <b>\$243.50</b>          |

### 7" PE CELLULOSE PLEATED CARTRIDGES - PVC DOE

| 16" LENGTH |           |           |                          |
|------------|-----------|-----------|--------------------------|
| MICRON     | PART NO.  | CTN. QTY. | LIST PRICE PER CARTRIDGE |
| 5 micron   | PE005P716 | 4         | <b>\$156.30</b>          |

# FLV, FLT & CFLV SERIES OPTIONS

## PRESSURE DIFFERENTIAL GAUGE ASSEMBLIES

Pressure Differential gauges show the difference between the inlet and outlet pressures and indicate when to change out the bag. The assemblies have tubing and a metal body that contacts the process fluid.



| DESCRIPTION                                                                                                                        | PART NO. | LIST PRICE |
|------------------------------------------------------------------------------------------------------------------------------------|----------|------------|
| Aluminum body with nylon polytube and quick disconnect brass nylon fittings                                                        | FLTDPAL  | \$1,281.30 |
| SS body with braided SS reinforced PTFE tubing and SS reinforced                                                                   | FLTDPSS  | \$1,615.20 |
| Nema 4 rated with one SPDT switch rated at .25 amp at 120 VAC. DIN type electrical connector for use with SJ type rubber cord wire | FLTDPSW  | \$321.45   |

**NOTE:** For drill and tap for differential gauge, add Suffix "P" to filter vessel part number. List Price Adder: **\$135.95**.

## PRESSURE DIFFERENTIAL SWITCH

Pressure differential switches are used to control a remote electrical device when a set differential pressure is reached. They must be ordered with one of the differential Pressure Gauge Assemblies shown above and are not available separately.

## AUTOMATED OPERATION FOR FLV/FLT AND CFLV DUPLEX BAG AND CARTRIDGE FILTERS

Replaces the manual lever handle with either electrical or pneumatic actuation.

**Consult Factory**



## LS SERIES AQUATIC SAND FILTER



The LS Series Aquatic Sand Filter comes in 31" and 36" spherical design. It's ideal for sensitive aquatic environments or salt water systems due to its corrosion resistant housing and base.

The LS Series features all hardware in 316 Stainless Steel, including the pressure gauge. The sand filter comes without the multiport valve, which must be ordered separately.

| DESCRIPTION                | FILTRATION RATE      | FLOW RATE | APPROXIMATE SHIPPING WEIGHT<br>lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------|----------------------|-----------|-----------------------------------------|-------------|------------|
| LS Aquatic Sand Filter 31" | 4.95 ft <sup>2</sup> | 99 GPM    | 75 / 34.09                              | LS311SX     | \$975.90   |
| LS Aquatic Sand Filter 36" | 6.5 ft <sup>2</sup>  | 130 GPM   | 124 / 56.36                             | LS360SX     | \$1,315.35 |

| DESCRIPTION                | POSITIONS | APPROXIMATE SHIPPING WEIGHT<br>lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------|-----------|-----------------------------------------|-------------|------------|
| LS Aquatic Multiport Valve | 6         | 8 / 3.64                                | LS0715X62   | \$266.70   |



## UVH SERIES AQUATIC UV SYSTEM



The UVH Series Aquatic UV System consists of a clear polycarbonate thermoplastic housing with PVC true union socket end connections and an accompanying controller. The System uses multiple 254nm wavelength lamps to treat the water with UV-C light.

| SIZE | DESCRIPTION                    | OPERATING CONFIGURATION | MAX GPM | PART NUMBER | LIST PRICE |
|------|--------------------------------|-------------------------|---------|-------------|------------|
| 2"   | True Union Socket Inlet/Outlet | 3 Lamps                 | 75 GPM  | UVHPC3S200S | \$5,296.50 |
| 4"   | True Union Socket Inlet/Outlet | 5 Lamps                 | 250 GPM | UVHPC5S400S | \$9,062.90 |

**NOTE:** Consult factory for optional socket and flanged end connections.

# FLV SERIES BAG FILTER HOUSING PARTS

## GFPP FLV

| DESCRIPTION              | PART NO.       | LIST PRICE |
|--------------------------|----------------|------------|
| COVER KIT**              | FLXV4P020202   | \$625.70   |
| HINGED BASKET 16" ASSY*  | FLXV4P010203VL | \$1,157.25 |
| SOLID BASKET 16" ASSY*   | FLXV4P010203VS | \$1,157.25 |
| SOLID BASKET 16" ONLY    | FLXV4P1SBSK    | \$727.25   |
| HINGED BASKET 32" ASSY*  | FLXV4P020203VL | \$1,226.95 |
| SOLID BASKET 32" ASSY*   | FLXV4P020203VS | \$1,226.95 |
| SOLID BASKET 32" ONLY    | FLXV4P2SBSK    | \$818.85   |
| BASKET RING ASSY         | FLXV4PBASKRING | \$460.75   |
| BAG RING FOR GFPP BASKET | FLXV4PBAGRING  | \$111.05   |
| BAG RING FOR SS BASKET   | FLXV4PBAGRINGM | \$111.05   |
| COVER O-RING             | ORX449V70      | \$108.70   |

| DESCRIPTION                         | PART NO.  | LIST PRICE |
|-------------------------------------|-----------|------------|
| FPM SEAL KIT                        | FLXVKITV  | \$238.35   |
| 2" GFPP PLTNM ASSY NUT              | FLX4P22   | \$32.55    |
| 3" GFPP PLTNM ASSY NUT              | BSXP32    | \$80.55    |
| 4" GFPP PLTNM ASSY NUT              | BSXP42    | \$97.40    |
| 1-1/4" GFPP PLTNM THD END CONNECTOR | SBXPEC12T | \$39.00    |
| 1-1/2" GFPP PLTNM THD END CONNECTOR | SBXPEC15T | \$39.00    |
| 2" GFPP PLTNM THD END CONNECTOR     | ECXP20T   | \$39.00    |
| 3" GFPP PLTNM THD END CONNECTOR     | SBXPEC3T  | \$110.45   |
| 4" GFPP PLTNM THD END CONNECTOR     | ECXP4TBS  | \$123.40   |

\* Includes basket, handle, and o-ring.

\*\* WARNING - If cover ever fails due to overpressurization or water-hammer failure, entire unit needs to be replaced. Failure to replace unit after water-hammer failure, or failure due to overpressurization could result in property damage, personal injury or even death.

PARTS

# FLT SERIES BAG FILTER HOUSING PARTS

## PVC

| DESCRIPTION   | PART NO.   | LIST PRICE |
|---------------|------------|------------|
| COVER         | BSX1611V   | \$268.10   |
| BAG RETAINER  | FLXT125    | \$366.45   |
| FPM SEAL KIT  | FLXTKITV   | \$276.00   |
| EPDM SEAL KIT | FLXTKITE   | \$227.95   |
| VENT VALVE    | AV10025T   | \$84.85    |
| BASKET 16"    | FLXT12BSKL | \$1,088.90 |
| BASKET 32"    | FLXT12BSK  | \$1,088.90 |
| FLANGE KIT    | TUX102004F | \$174.35   |

\* Includes basket, handle and o-ring.

## CPVC

| DESCRIPTION   | PART NO.   | LIST PRICE |
|---------------|------------|------------|
| COVER         | BSX9611V   | \$425.15   |
| BAG RETAINER  | FLXT925    | \$554.85   |
| FPM SEAL KIT  | FLXTKITV   | \$276.00   |
| EPDM SEAL KIT | FLXTKITE   | \$227.95   |
| VENT VALVE    | AV20025T   | \$188.85   |
| BASKET 16"    | FLXT22BSKL | \$1,298.15 |
| BASKET 32"    | FLXT22BSK  | \$1,633.20 |
| FLANGE KIT    | TUX902004F | POA        |

## PP FLT

| DESCRIPTION      | PART NO.  | LIST PRICE |
|------------------|-----------|------------|
| COVER            | CRXV422   | \$717.45   |
| BAG RETAINER     | CRXV428   | \$127.30   |
| FPM SEAL KIT     | FLXTPAKV  | \$273.30   |
| EPDM SEAL KIT    | FLXTPAKE  | \$225.70   |
| VENT VALVE       | FLTVENT2  | \$108.35   |
| BASKET 16"       | CRXV427   | \$1,197.20 |
| BASKET 32"       | CRXV425   | \$1,274.35 |
| FLANGE KIT       | FLXT42FLG | \$221.05   |
| BASKET 16" ASSY* | CRXV427A  | \$1,327.00 |
| BASKET 32" ASSY* | CRXV425A  | \$1,406.95 |

# PVC & CPVC FLV SERIES BAG FILTER HOUSING PARTS

NEW

## PVC

| DESCRIPTION                     | PART NO.    | LIST PRICE |
|---------------------------------|-------------|------------|
| COVER ASSY                      | FLX1211ASSY | \$408.30   |
| BAG RETAINER                    | FLX1BAGRET  | \$170.65   |
| VENT VALVE ASSY                 | FL1VENTASSY | \$120.65   |
| BASKET 16"                      | FLX12BSKL   | \$983.40   |
| BASKET 32"                      | FLX12BSK    | \$1,035.75 |
| 1-1/4" - 2" PVC ASSY NUT        | TBX122      | \$28.80    |
| 2-1/2" - 3" PVC ASSY NUT        | BSX132      | \$85.80    |
| 4" PVC ASSY NUT                 | BSX142      | \$86.65    |
| 1-1/4" PVC SOCKET END CONNECTOR | SBX1EC12S   | \$42.30    |
| 1-1/2" PVC SOCKET END CONNECTOR | SBX1EC15S   | \$35.25    |
| 2" PVC SOCKET END CONNECTOR     | ECX12S      | \$37.55    |
| 2-1/2" PVC SOCKET END CONNECTOR | SBX1EC25S   | \$85.80    |
| 3" PVC SOCKET END CONNECTOR     | SBX1EC3S    | \$125.45   |
| 4" PVC SOCKET END CONNECTOR     | ECX14SBS    | \$132.00   |

## CPVC

| DESCRIPTION                      | PART NO.     | LIST PRICE |
|----------------------------------|--------------|------------|
| COVER ASSY                       | FLX92211ASSY | \$465.90   |
| BAG RETAINER                     | FLX2BAGRET   | \$501.40   |
| VENT VALVE ASSY                  | FL2VENTASSY  | \$131.25   |
| BASKET 16"                       | FLX22BSKL    | \$1,171.95 |
| BASKET 32"                       | FLX22BSK     | \$1,551.60 |
| 1-1/4" - 2" CPVC ASSY NUT        | TBX922       | \$42.65    |
| 2-1/2" - 3" CPVC ASSY NUT        | BSX932       | \$82.55    |
| 4" CPVC ASSY NUT                 | BSX942       | \$111.25   |
| 1-1/4" CPVC SOCKET END CONNECTOR | SBX2EC12S    | \$46.10    |
| 1-1/2" CPVC SOCKET END CONNECTOR | SBX2EC15S    | \$58.20    |
| 2" CPVC SOCKET END CONNECTOR     | ECX92S       | \$55.80    |
| 2-1/2" CPVC SOCKET END CONNECTOR | SBX2EC25S    | \$90.05    |
| 3" CPVC SOCKET END CONNECTOR     | SBX2EC3S     | \$111.65   |
| 4" CPVC SOCKET END CONNECTOR     | ECX94SBS     | \$144.95   |

## PVC & CPVC

| DESCRIPTION              | PART NO.  | LIST PRICE | DESCRIPTION               | PART NO.  | LIST PRICE |
|--------------------------|-----------|------------|---------------------------|-----------|------------|
| 1-1/4" - 2" FPM SEAL KIT | FLXTKITV1 | \$238.35   | 1-1/4" - 2" EPDM SEAL KIT | FLXTKITE1 | \$227.95   |
| 2-1/2" - 4" FPM SEAL KIT | FLXTKITV2 | \$244.25   | 2-1/2" - 4" EPDM SEAL KIT | FLXTKITE2 | \$230.30   |



# TF SERIES TRUE UNION PADDLEWHEEL FLOW METER



The TF Series consists of a rugged true union industrial design that is suitable for corrosive applications. Butt-weld Ends Available Upon Request, Consult Factory for Price and Delivery.

## PVC SOCKET

| SIZE   | TYPE                | PART NO.   | LIST PRICE |
|--------|---------------------|------------|------------|
| 1/2"   | TFS - Pulse + Relay | TFS1050S00 | \$480.70   |
| 3/4"   | TFS - Pulse + Relay | TFS1750S00 | \$545.20   |
| 1"     | TFS - Pulse + Relay | TFS1100S00 | \$609.80   |
| 1-1/2" | TFS - Pulse + Relay | TFS1150S00 | \$674.30   |
| 2"     | TFS - Pulse + Relay | TFS1200S00 | \$803.30   |

## PP THREADED

| SIZE   | TYPE                | PART NO.   | LIST PRICE |
|--------|---------------------|------------|------------|
| 1/2"   | TFS - Pulse + Relay | TFS3050T00 | \$545.20   |
| 3/4"   | TFS - Pulse + Relay | TFS3750T00 | \$609.80   |
| 1"     | TFS - Pulse + Relay | TFS3100T00 | \$674.30   |
| 1-1/2" | TFS - Pulse + Relay | TFS3150T00 | \$738.80   |
| 2"     | TFS - Pulse + Relay | TFS3200T00 | \$867.80   |

## PVC FLANGED

| SIZE | TYPE                | PART NO.   | LIST PRICE |
|------|---------------------|------------|------------|
| 3"   | TFS - Pulse + Relay | TFS1300F00 | \$1,770.80 |
| 4"   | TFS - Pulse + Relay | TFS1400F00 | \$2,835.50 |

## PP FLANGED

| SIZE | TYPE                | PART NO.   | LIST PRICE |
|------|---------------------|------------|------------|
| 3"   | TFS - Pulse + Relay | TFS3300F00 | \$2,254.55 |
| 4"   | TFS - Pulse + Relay | TFS3400F00 | \$3,383.75 |

## PVC SOCKET

| SIZE   | TYPE                    | PART NO.   | LIST PRICE |
|--------|-------------------------|------------|------------|
| 1/2"   | TFP - Pulse + Totalizer | TFP1050S00 | \$777.15   |
| 3/4"   | TFP - Pulse + Totalizer | TFP1750S00 | \$848.15   |
| 1"     | TFP - Pulse + Totalizer | TFP1100S00 | \$919.10   |
| 1-1/2" | TFP - Pulse + Totalizer | TFP1150S00 | \$990.10   |
| 2"     | TFP - Pulse + Totalizer | TFP1200S00 | \$1,096.60 |

## PP THREADED

| SIZE   | TYPE                    | PART NO.   | LIST PRICE |
|--------|-------------------------|------------|------------|
| 1/2"   | TFP - Pulse + Totalizer | TFP3050T00 | \$899.60   |
| 3/4"   | TFP - Pulse + Totalizer | TFP3750T00 | \$974.80   |
| 1"     | TFP - Pulse + Totalizer | TFP3100T00 | \$1,050.10 |
| 1-1/2" | TFP - Pulse + Totalizer | TFP3150T00 | \$1,125.45 |
| 2"     | TFP - Pulse + Totalizer | TFP3200T00 | \$1,163.00 |

## PVC SOCKET

| SIZE   | TYPE                             | PART NO.   | LIST PRICE |
|--------|----------------------------------|------------|------------|
| 1/2"   | TFM - Pulse + Totalizer + 4-20mA | TFM1050S00 | \$883.70   |
| 3/4"   | TFM - Pulse + Totalizer + 4-20mA | TFM1750S00 | \$954.65   |
| 1"     | TFM - Pulse + Totalizer + 4-20mA | TFM1100S00 | \$1,025.65 |
| 1-1/2" | TFM - Pulse + Totalizer + 4-20mA | TFM1150S00 | \$1,096.60 |
| 2"     | TFM - Pulse + Totalizer + 4-20mA | TFM1200S00 | \$1,238.55 |

## PP THREADED

| SIZE   | TYPE                             | PART NO.   | LIST PRICE |
|--------|----------------------------------|------------|------------|
| 1/2"   | TFM - Pulse + Totalizer + 4-20mA | TFM3050T00 | \$1,050.10 |
| 3/4"   | TFM - Pulse + Totalizer + 4-20mA | TFM3750T00 | \$1,125.45 |
| 1"     | TFM - Pulse + Totalizer + 4-20mA | TFM3100T00 | \$1,200.65 |
| 1-1/2" | TFM - Pulse + Totalizer + 4-20mA | TFM3150T00 | \$1,276.00 |
| 2"     | TFM - Pulse + Totalizer + 4-20mA | TFM3200T00 | \$1,388.85 |

Note: Butt fusion end connection available upon request.



## TFD SERIES PADDLEWHEEL FLOW METER, TOTALIZER AND TRANSMITTER WITH ALERT ALARM



Corrosion resistant all thermoplastic wetted parts - PVDF body, zirconium dioxide ceramic shaft and PFA paddle. Large digital display changes from green to red when in alarm state. Dual output relays - 4-20 mA output standard.

| PIPE SIZE | PART NO.    | LIST PRICE |
|-----------|-------------|------------|
| 1/2" - 4" | TFD5023NNF8 | \$1,096.85 |
| 6" - 24"  | TFD5123NNF8 | \$1,096.85 |



## TFT SERIES INSERTION PADDLEWHEEL FLOW METER

Features either a Direct Cable connection or a DIN connector.



### PP DIN CONNECTOR

| PIPE SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 1/2" - 4" | TFT30DF  | \$614.70   |
| 6" - 24"  | TFT31DF  | \$639.30   |

### PP 26'8M ELECTRICAL CABLE

| PIPE SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 1/2" - 4" | TFT30EF  | \$578.50   |
| 6" - 24"  | TFT31EF  | \$601.70   |

### PVDF DIN CONNECTOR

| PIPE SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 1/2" - 4" | TFT50DF  | \$723.15   |
| 6" - 24"  | TFT51DF  | \$752.10   |

### TEE - PVC

| PIPE SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 1"        | TFT110   | \$193.60   |
| 1-1/2"    | TFT115   | \$201.60   |
| 2"        | TFT120   | \$212.45   |
| 3"        | TFT130   | \$239.30   |
| 4"        | TFT140   | \$293.05   |

### TEE - CPVC

| PIPE SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 1"        | TFT210   | \$212.45   |
| 1-1/2"    | TFT215   | \$228.55   |
| 2"        | TFT220   | \$239.30   |
| 3"        | TFT230   | \$400.55   |
| 4"        | TFT240   | \$454.30   |

### SADDLES PPG WITH 316SS BOLTS

| PIPE SIZE | PART NO. | LIST PRICE | PIPE SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|-----------|----------|------------|
| 2"        | TFTS320  | \$131.70   | 10"       | TFTS310  | \$508.10   |
| 3"        | TFTS330  | \$185.50   | 12"       | TFTS312  | \$588.75   |
| 4"        | TFTS340  | \$212.45   | 14"       | TFTS314  | \$750.10   |
| 6"        | TFTS360  | \$239.30   | 16"       | TFTS316  | \$857.70   |
| 8"        | TFTS380  | \$400.55   |           |          |            |



## TLU SERIES INDUSTRIAL LEVEL PRESSURE SENSOR



*Designed for continuous level measurement for aggressive liquid media.*

| HOUSING MATERIAL | MAX LEVEL FT/H <sub>2</sub> O | CABLE LENGTH | PART NO.        | LIST PRICE |
|------------------|-------------------------------|--------------|-----------------|------------|
| PVC              | 34'                           | 49'          | TLU1251A2115115 | \$933.50   |
| PP               | 34'                           | 49'          | TLU3251A2115115 | \$1,284.35 |
| PVDF             | 34'                           | 49'          | TLU5251A2115115 | \$1,712.20 |

**Note:** Cable length above 15M/49' available upon request.



## TLF SERIES PRESSURE LEVEL JUNCTION BOX



*Glass reinforced polypropylene housing for high impact resistance suitable for use with all TL Series sensors. NEMA 4X.*

| CONNECTION SIZE | PART NO. | LIST PRICE |
|-----------------|----------|------------|
| 2"              | TLF100   | \$340.75   |



## VSA SERIES INDUSTRIAL VISUAL/AUDIBLE SENTRY ALARM SYSTEM



*High Intensity Red Alarm Light. Rugged NEMA 4X Industrial Design Enclosure.*

| PART NO. | LIST PRICE |
|----------|------------|
| VSA-1000 | \$635.25   |



## TLC SERIES LEVEL PROCESS DISPLAY



Feature large bright LED display with display brightness and adjustable filter. 120VAC Power, generates 24 VDC, NEMA 4X.

| OUTPUT                         | PART NO.  | LIST PRICE |
|--------------------------------|-----------|------------|
| 2 Relay                        | TLC550-21 | \$779.90   |
| 4-20 + 1 Relay                 | TLC550-29 | \$840.15   |
| 2 Relay/6 Digit Display        | TLC650-21 | \$866.50   |
| 4-20 + 1 Relay/6 Digit Display | TLC650-29 | \$933.50   |



## TLM SERIES INDUSTRIAL LEVEL CONTROLLER



Feature large bright LED display with display brightness and adjustable filter. NEMA 4X face, 120 VAC power.

| OUTPUT                           | PART NO.  | LIST PRICE |
|----------------------------------|-----------|------------|
| 2 Relay/4-20mA                   | TLM450-33 | \$771.05   |
| 4 Relay/4-20mA                   | TLM450-41 | \$706.55   |
| Enclosure NEMA 4X Option for 450 | TNC100    | \$280.35   |



## TLV SERIES FLOW DISPLAY, BATCHER & TOTALIZER

Feature large bright LED display with display brightness and adjustable filter. NEMA 4X, 120 VAC Powered, generates 24 VDC.

| INPUT   | OUTPUT            | PART NO. | LIST PRICE |
|---------|-------------------|----------|------------|
| Pulse   | 2 Relay           | TLV450   | \$900.05   |
| Pulse   | 4-20 mA + 1 Relay | TLV475   | \$900.05   |
| 4-20 mA | 2 Relay           | TLV500   | \$900.05   |



## OPTIONAL INFRARED REMOTE CONTROLLER FOR TLC/TLV SERIES

| PART NO. | LIST PRICE |
|----------|------------|
| TRS15    | \$141.95   |



# GG SERIES GAUGES AND GAUGE GUARDS



## GAUGE GUARD ONLY - NO GAUGE INSTALLED

All Gauge Guards have an FPM diaphragm and are rated to 150 PSI at 70 °F.

| SIZE        | MATERIAL | PART NO.  | LIST PRICE |
|-------------|----------|-----------|------------|
| 1/4" X 1/4" | PVC      | GG125X25  | \$98.05    |
| 1/4" X 1/2" | PVC      | GG125X50  | \$98.05    |
| 1/4" X 1/4' | CPVC     | GG225X25  | \$116.95   |
| 1/4" x 1/2" | CPVC     | GG225X50  | \$116.95   |
| 1/4" x 1/4" | PP       | GG3025X25 | \$138.10   |
| 1/4" x 1/2" | PVDF     | GG5025X50 | \$154.25   |



## GAUGE GUARD WITH STANDARD GAUGE\* INSTALLED

| SIZE        | MATERIAL | GAUGE        | PART NO.    | LIST PRICE |
|-------------|----------|--------------|-------------|------------|
| 1/4" X 1/4" | PVC      | 0 to 30 PSI  | GG125X25030 | \$156.05   |
| 1/4" X 1/4" | PVC      | 0 to 60 PSI  | GG125X25060 | \$156.05   |
| 1/4" X 1/4' | PVC      | 0 to 160 PSI | GG125X25160 | \$156.05   |
| 1/4" x 1/2" | PVC      | 0 to 30 PSI  | GG125X50030 | \$156.05   |
| 1/4" x 1/2" | PVC      | 0 to 60 PSI  | GG125X50060 | \$156.05   |
| 1/4" x 1/2" | PVC      | 0 to 160 PSI | GG125X50160 | \$156.05   |
| 1/4" X 1/4" | CPVC     | 0 to 30 PSI  | GG225X25030 | \$174.65   |
| 1/4" X 1/4" | CPVC     | 0 to 60 PSI  | GG225X25060 | \$174.65   |
| 1/4" X 1/4' | CPVC     | 0 to 160 PSI | GG225X25160 | \$174.65   |
| 1/4" x 1/2" | CPVC     | 0 to 30 PSI  | GG225X50030 | \$176.35   |
| 1/4" x 1/2" | CPVC     | 0 to 60 PSI  | GG225X50060 | \$176.35   |
| 1/4" x 1/2" | CPVC     | 0 to 160 PSI | GG225X50160 | \$176.35   |
| 1/4" X 1/4" | PP       | 0 to 30 PSI  | GG303025    | \$180.85   |
| 1/4" X 1/4" | PP       | 0 to 60 PSI  | GG306025    | \$180.85   |
| 1/4" X 1/4' | PP       | 0 to 160 PSI | GG316025    | \$180.85   |
| 1/4" X 1/2" | PVDF     | 0 to 160 PSI | GG516050    | \$199.45   |

\* Shipped assembled: Gauge (not liquid-filled) is attached to Guard which is filled with hydraulic fluid.

## STANDARD GAUGES ONLY

Gauges are dual faced (PSI & kg/cm<sup>2</sup>) and are available in three different PSI ratings.



| SIZE | GAUGE        | PART NO.  | LIST PRICE |
|------|--------------|-----------|------------|
| 2"   | 0 to 30 PSI  | GG030DUAL | \$48.15    |
| 2"   | 0 to 60 PSI  | GG060DUAL | \$48.15    |
| 2'   | 0 to 160 PSI | GG160DUAL | \$55.85    |



## GAUGE GUARD W/STAINLESS STEEL LIQUID FILLED GAUGE\* INSTALLED

| SIZE        | MATERIAL | GAUGE        | PART NO.      | LIST PRICE |
|-------------|----------|--------------|---------------|------------|
| 1/4" X 1/4" | PVC      | 0 to 160 PSI | GG125X25160SL | \$196.50   |
| 1/4" X 1/2" | PVC      | 0 to 160 PSI | GG125X50160SL | \$196.50   |
| 1/4" X 1/4' | CPVC     | 0 to 160 PSI | GG225X25160SL | \$216.40   |
| 1/4" x 1/2" | CPVC     | 0 to 160 PSI | GG225X50160SL | \$216.40   |
| 1/4" x 1/4" | PP       | 0 to 160 PSI | GG316025SL    | \$220.10   |
| 1/4" x 1/2" | PVDF     | 0 to 160 PSI | GG516050SL    | \$245.70   |

\* Shipped assembled: Gauge (Glycerin-filled) is attached to Guard (filled with hydraulic fluid).

## STAINLESS STEEL LIQUID FILLED GAUGES ONLY

Gauge has stainless steel housing and is liquid-filled. Gauge face shows dual rating of PSI and kg/cm<sup>2</sup>. Available in 160 PSI only.



| SIZE   | GAUGE        | PART NO.      | LIST PRICE |
|--------|--------------|---------------|------------|
| 2-1/2" | 0 to 160 PSI | GG160DUALFILL | \$100.55   |



## GA SERIES PRESSURE GAUGE

One-piece molded body (no assembly). Heavy duty design; simple to install.

NEW

| MATERIAL | PSI | PART NO.  | LIST PRICE |
|----------|-----|-----------|------------|
| PP       | 60  | GA305060  | \$195.15   |
| PP       | 100 | GA3050100 | \$195.15   |
| PP       | 160 | GA3050160 | \$195.15   |
| PVDF     | 60  | GA505060  | \$457.85   |
| PVDF     | 100 | GA5050100 | \$457.85   |
| PVDF     | 160 | GA5050160 | \$457.85   |



## GD SERIES DIGITAL LED PRESSURE ALARM

Features a digital LED display and alarm, making it ideal for use with Hayward bag & cartridge filters and strainers. 2 x 3A Relays + 4-20 mA.

NEW

| CABLE | OUTPUT | PART NO. | LIST PRICE |
|-------|--------|----------|------------|
| 2M    | 4-20mA | GD132N22 | \$558.25   |
| 2M    | RS-485 | GD132Y22 | \$558.25   |
| 2M*   | 4-20mA | GD132N52 | \$558.25   |
| 2M*   | RS-485 | GD132Y52 | \$558.25   |

\* Includes Isolator



## GDS SERIES DOUBLE SIDED PRESSURE GAUGE

Allows for easy monitoring in tight spots.

NEW

| MATERIAL | PSI | PART NO.   | LIST PRICE |
|----------|-----|------------|------------|
| PP       | 60  | GDS305060  | \$274.25   |
| PP       | 100 | GDS3050100 | \$274.25   |
| PP       | 160 | GDS3050160 | \$274.25   |
| PVDF     | 60  | GDS505060  | \$545.20   |
| PVDF     | 100 | GDS5050100 | \$545.20   |
| PVDF     | 160 | GDS5050160 | \$545.20   |



## GLD SERIES LED/LCD PRESSURE GAUGE

All Thermoplastic Construction (Gauge + Isolator). Heavy Duty One-Piece Molded Design (No Assembly Required).

NEW

LED DISPLAY, 24 VDC POWERED, 2 X OC + 4-20 MA

| MATERIAL | PART NO.    | LIST PRICE |
|----------|-------------|------------|
| PP       | GLD3050LE   | \$528.85   |
| PVDF     | GLD5050LE   | POA        |
| PP*      | GLD30250LEP | \$599.80   |

\* Panel mount display.

LCD DISPLAY, BATTERY OPERATED

| MATERIAL | PART NO.  | LIST PRICE |
|----------|-----------|------------|
| PP       | GLD3050LC | \$280.35   |
| PVDF     | GLD5050LC | POA        |



## ANALOG INTERFACE

# Z SERIES SOLENOID DIAPHRAGM METERING PUMPS

The New Z Series Solenoid Diaphragm Metering Pumps brings simplicity to your metering pump needs in all aspects of design, function and performance. The Z Series features only one design configuration, with front facing controls and tube connections, allowing for easy and flexible installation. Complete Kit includes PVDF foot valve, PVDF injection valve and tubing.

| ZMA - CONSTANT DOSAGE |                            | FPM SEALS    |            | EPDM SEALS   |            |
|-----------------------|----------------------------|--------------|------------|--------------|------------|
| SIZE                  | FREQUENCY MAX (STROKE/MIN) | PART NO.     | LIST PRICE | Part No.     | List Price |
| 100                   | 160                        | ZMA1000V-000 | \$730.10   | ZMA1000E-000 | \$730.10   |
| 200                   | 300                        | ZMA2000V-000 | \$807.55   | ZMA2000E-000 | \$807.55   |
| 500                   | 300                        | ZMA5000V-000 | \$1,124.60 | ZMA5000E-000 | \$1,124.60 |

| ZPA - PROPORTIONAL DOSAGE |                            | FPM SEALS    |            | EPDM SEALS   |            |
|---------------------------|----------------------------|--------------|------------|--------------|------------|
| SIZE                      | FREQUENCY MAX (STROKE/MIN) | PART NO.     | LIST PRICE | PART NO.     | LIST PRICE |
| 100                       | 160                        | ZPA1000V-000 | \$967.60   | ZPA1000E-000 | \$967.60   |
| 200                       | 300                        | ZPA2000V-000 | \$1,116.50 | ZPA2000E-000 | \$1,116.50 |
| 500                       | 300                        | ZPA5000V-000 | \$1,448.75 | ZPA5000E-000 | \$1,448.75 |

| ZTA - TIMED DOSAGE |                            | FPM SEALS    |            | EPDM SEALS   |            |
|--------------------|----------------------------|--------------|------------|--------------|------------|
| SIZE               | FREQUENCY MAX (STROKE/MIN) | PART NO.     | LIST PRICE | PART NO.     | LIST PRICE |
| 100                | 160                        | ZTA1000V-000 | \$851.80   | ZTA1000E-000 | \$851.80   |
| 200                | 300                        | ZTA2000V-000 | \$911.80   | ZTA2000E-000 | \$911.80   |
| 500                | 300                        | ZTA5000V-000 | \$1,269.75 | ZTA5000E-000 | \$1,269.75 |



## DIGITAL INTERFACE

The Z Series intuitive digital programming menus are self explanatory and reduce programming time. With its Intelligent Display feature, once a function is selected the pump will only display the parameters to set. Complete Kit includes PVDF foot valve, PVDF injection valve and tubing.

| ZPD - CONSTANT DOSAGE |                            | FPM SEALS    |            | EPDM SEALS   |            |
|-----------------------|----------------------------|--------------|------------|--------------|------------|
| SIZE                  | FREQUENCY MAX (STROKE/MIN) | PART NO.     | LIST PRICE | PART NO.     | LIST PRICE |
| 100                   | 160                        | ZPD1000V-000 | \$928.65   | ZPD1000E-000 | \$928.65   |
| 200                   | 300                        | ZPD2000V-000 | \$983.85   | ZPD2000E-000 | \$983.85   |
| 500                   | 300                        | ZPD5000V-000 | \$1,309.90 | ZPD5000E-000 | \$1,309.90 |

| ZRD - PH/REDOX CONTROL |                            | FPM SEALS    |            | EPDM SEALS   |            |
|------------------------|----------------------------|--------------|------------|--------------|------------|
| SIZE                   | FREQUENCY MAX (STROKE/MIN) | PART NO.     | LIST PRICE | PART NO.     | LIST PRICE |
| 100                    | 160                        | ZRD1000V-000 | \$1,061.75 | ZRD1000E-000 | \$1,061.75 |
| 200                    | 300                        | ZRD2000V-000 | \$1,159.25 | ZRD2000E-000 | \$1,159.25 |
| 500                    | 300                        | ZRD5000V-000 | \$1,449.10 | ZRD5000E-000 | \$1,449.10 |

| ZKD - CONSTANT FLOW & TIMER |                            | FPM SEALS    |            | EPDM SEALS   |            |
|-----------------------------|----------------------------|--------------|------------|--------------|------------|
| SIZE                        | FREQUENCY MAX (STROKE/MIN) | PART NO.     | LIST PRICE | PART NO.     | LIST PRICE |
| 100                         | 160                        | ZKD1000V-000 | \$1,167.80 | ZKD1000E-000 | \$1,167.80 |
| 500                         | 300                        | ZKD5000V-000 | \$1,664.75 | ZKD5000E-000 | \$1,664.75 |



## Z SERIES MULTIFUNCTION VALVE

PVDF Wetting components and a PTFE diaphragm. With a set pressure of 22 PSI, this valve can be utilized as either a back pressure, anti-siphoning, over pressure, priming or delivery drain valve. The Multifunction valve can be mounted directly to the dosing pump delivery valve.

| PART NO. | DESCRIPTION        | LIST PRICE      |
|----------|--------------------|-----------------|
| ZMFV500P | For 100/200 Series | <b>\$192.80</b> |
| ZMFV510P | For 500 Series     | <b>\$192.80</b> |



## Z SERIES PARTS ACCESSORIES & PARTS



| DESCRIPTION                                          | PART NUMBER     | LIST PRICE      |
|------------------------------------------------------|-----------------|-----------------|
| Pump Head Assy PVDF FPM w/ Cer Ball Valve Sz 100 200 | ZXXPH5100200    | <b>\$467.25</b> |
| Pump Head Assy PVDF FPM w/ Cer Ball Valve Sz 500     | ZXXPH5500       | <b>\$555.55</b> |
| Valve Assy PVDF FPM FPM w/ Cer Ball Valve Sz 100 200 | ZXXVA5100200    | <b>\$321.30</b> |
| Valve Assy PVDF FPM FPM w/ Cer Ball Valve Sz 500     | ZXXVA5500       | <b>\$380.15</b> |
| Diaphragm PTFE Sz 100 200                            | ZXXDP100200     | <b>\$58.85</b>  |
| Diaphragm PTFE Sz 500                                | ZXXDP500        | <b>\$116.50</b> |
| Front Panel Lid Sz 100 200 500                       | ZXXFP100200500  | <b>\$29.45</b>  |
| Wiring Terminal Block ZMA Sz 100 200 500             | ZMXAWT100200500 | <b>\$57.65</b>  |
| Wiring Terminal Block ZPD ZPA Sz 100 200 500         | ZPXXWT100200500 | <b>\$64.75</b>  |
| Wiring Terminal Block ZRD Sz 100 200 500             | ZRXDWT100200500 | <b>\$64.75</b>  |
| Mounting Bracket                                     | ZXXMT100200500  | <b>\$72.95</b>  |
| Complete Solenoid Sz 100                             | ZXXCS100        | <b>\$277.75</b> |
| Complete Solenoid Sz 200                             | ZXXCS200        | <b>\$423.70</b> |
| Complete Solenoid Sz 500                             | ZXXCS500        | <b>\$437.85</b> |
| Analog Circuit 100-240VAC ZMA Sz 100                 | ZMXAAC100       | <b>\$321.30</b> |
| Analog Circuit 100-240VAC ZMA Sz 200                 | ZMXAAC200       | <b>\$336.60</b> |
| Analog Circuit 100-240VAC ZMA Sz 500                 | ZMXAAC500       | <b>\$350.75</b> |
| Digital Circuit 100-240VAC ZPD Sz 100                | ZPXDDC100       | <b>\$760.35</b> |
| Digital Circuit 100-240VAC ZPD Sz 200                | ZPXDDC200       | <b>\$789.75</b> |
| Digital Circuit 100-240VAC ZPD Sz 500                | ZPXDDC500       | <b>\$819.20</b> |
| Digital Circuit 100-240VAC ZPA Sz 100                | ZPXADC100       | <b>\$456.70</b> |
| Digital Circuit 100-240VAC ZPA Sz200                 | ZPXADC200       | <b>\$474.35</b> |
| Digital Circuit 100-240VAC ZPA Sz 500                | ZPXADC500       | <b>\$509.65</b> |
| Digital Circuit 100-240VAC ZRP Sz 100                | ZRXPDC100       | <b>\$866.25</b> |
| Digital Circuit 100-240VAC ZRP Sz 200                | ZRXPDC200       | <b>\$889.80</b> |
| Digital Circuit 100-240VAC ZRP Sz 500                | ZRXPDC500       | <b>\$935.70</b> |
| Foot Filter Kit PVDF FPM 100 200 1 Pc                | ZXX5FFK100200   | <b>\$145.95</b> |
| Foot Filter Kit PVDF FPM 500 1 Pc                    | ZXX5FFK500      | <b>\$145.95</b> |
| Injection Valve Kit PVDF FPM 100 200 1 Pc            | ZXX5IVK100200   | <b>\$204.80</b> |
| Injection Valve Kit PVDF FPM 500 1 Pc                | ZXX5IVK500      | <b>\$204.80</b> |
| Kit Fittings PVDF 100 200 10 Pc                      | ZXX5KF100200    | <b>\$204.80</b> |
| Kit Fittings PVDF 500 10 Pc                          | ZXX5KF500       | <b>\$291.90</b> |
| Flow Switch                                          | ZFS500          | <b>\$304.25</b> |
| Level Switch                                         | ZLS500          | <b>\$47.10</b>  |
| pH Electrode, 10' Cable                              | PRO15-10        | <b>\$522.95</b> |
| ORP Electrode, 10' Cable                             | PRO25-10        | <b>\$522.95</b> |

# A-SERIES LIFESTAR® AQUATIC PUMP



The A-Series LifeStar® pump is designed for operation in aquatic and animal life support systems. Its specialized construction, makes it safe for even the most sensitive aquatic habitats. The LifeStar pump features a corrosion resistant Glass Filled Polypropylene housing, a silicon carbide shaft seal and all wetted hardware manufactured from 316 Stainless Steel for superior performance in aquatic applications.



**A-SERIES LIFESTAR® AQUATIC PUMP**  
OPEN DRIP PROOF (ODP) MOTOR - SINGLE PHASE / THREE PHASE

| DESCRIPTION               | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT<br>lbs / kg | PART NUMBER | LIST PRICE |
|---------------------------|----------|----------------|-------|-----------------------------------------|-------------|------------|
| 1/2 HP Aquatic Pump ODP   | 1/2      | 115/208-230    | 1     | 42 / 19                                 | 1A3SES12    | \$897.60   |
| 3/4 HP Aquatic Pump ODP   | 3/4      | 115/208-230    | 1     | 44 / 20                                 | 1A3SES13    | \$936.55   |
| 1 HP Aquatic Pump ODP     | 1        | 115/208-230    | 1     | 47 / 21                                 | 1A3SES14    | \$1,040.75 |
| 1-1/2 HP Aquatic Pump ODP | 1-1/2    | 115/208-230    | 1     | 51 / 23                                 | 1A3SES15    | \$1,118.75 |
| 2 HP Aquatic Pump ODP     | 2        | 208-230        | 1     | 51 / 23                                 | 1A3SES16    | \$1,365.80 |
| 3 HP Aquatic Pump ODP     | 3        | 208-230        | 1     | 66 / 30                                 | 1A3SES17    | \$1,665.05 |
| 5 HP Aquatic Pump ODP     | 5        | 208-230        | 1     | 66 / 30                                 | 1A3SES18    | \$2,562.50 |
| 5 HP Aquatic Pump ODP     | 5        | 230/460        | 3     | 66 / 30                                 | 1A3SES28    | \$2,721.65 |



**A-SERIES LIFESTAR® AQUATIC PUMP**  
TOTALLY ENCLOSED FAN COOLED (TEFC) MOTOR - THREE PHASE

| DESCRIPTION                | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT<br>lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------|----------|----------------|-------|-----------------------------------------|-------------|------------|
| 1/2 HP Aquatic Pump TEFC   | 1/2      | 208-230/460    | 3     | 42 / 19                                 | 1A3SES32    | \$1,058.20 |
| 3/4 HP Aquatic Pump TEFC   | 3/4      | 208-230/460    | 3     | 44 / 20                                 | 1A3SES33    | \$1,097.25 |
| 1 HP Aquatic Pump TEFC     | 1        | 208-230/460    | 3     | 47 / 21                                 | 1A3SES34    | \$1,201.30 |
| 1-1/2 HP Aquatic Pump TEFC | 1-1/2    | 230/460        | 3     | 51 / 23                                 | 1A3SES35    | \$1,279.40 |
| 2 HP Aquatic Pump TEFC     | 2        | 230/460        | 3     | 51 / 23                                 | 1A3SES36    | \$1,526.45 |
| 3 HP Aquatic Pump TEFC     | 3        | 230/460        | 3     | 66 / 30                                 | 1A3SES37    | \$1,825.65 |



**A-SERIES LIFESTAR®VS VARIABLE SPEED\* AQUATIC PUMP**  
TOTALLY ENCLOSED FAN COOLED (TEFC) MOTOR - SINGLE PHASE



| DESCRIPTION                            | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT<br>lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------------------|----------|----------------|-------|-----------------------------------------|-------------|------------|
| 2 HP Variable Speed* Aquatic Pump TEFC | 2        | 230            | 1     | 55 / 24                                 | 1A3SES46VS  | \$2,295.15 |

\* 600 - 3450 RPM



## R SERIES MAGNETIC DRIVE PUMPS

Magnetic drive seal-less thermoplastic pumps designed for the most demanding applications. They handle a wide range of corrosive and ultra-pure liquids. All R Series Pumps come with a two-year warranty.

### FIBERGLASS REINFORCED POLYPROPYLENE

| H.P.  | VOLTS   | PHASE | SUCTION VS. DISCHARGE | APPROX. SHIPPING WEIGHT | MODEL NO. | ITEM NO.*  | LIST PRICE |
|-------|---------|-------|-----------------------|-------------------------|-----------|------------|------------|
| 1/3   | 115     | 1     | 1" X 1"               | 18 lbs                  | RC03      | 1M033TVT11 | \$1,497.25 |
| 1/2   | 115/230 | 1     | 1-1/2" X 1-1/2"       | 36 lbs                  | RX05      | 1M043TVT12 | \$1,958.35 |
| 3/4   | 115/230 | 1     | 1-1/2" X 1-1/2"       | 36 lbs                  | RX07      | 1M053TVT13 | \$2,087.90 |
| 1     | 115/230 | 1     | 1-1/2" X 1-1/2"       | 43 lbs                  | RX10      | 1M083TVT14 | \$2,348.70 |
| 1-1/2 | 230/460 | 3     | 2" X 1-1/2"           | 56 lbs                  | RX15      | 1M103TVT35 | \$3,458.90 |
| 2     | 230/460 | 3     | 2" X 1-1/2"           | 56 lbs                  | RX20      | 1M103TVT36 | \$3,851.20 |
| 3     | 230/460 | 3     | 2" X 1-1/2"           | 61 lbs                  | RX30      | 1M123TVT37 | \$4,241.25 |
| 5     | 230/460 | 3     | 2" X 1-1/2"           | 129 lbs                 | RX50      | 1M143TVT38 | \$5,611.15 |

### CARBON REINFORCED ETFE

| H.P.  | VOLTS   | PHASE | SUCTION VS. DISCHARGE | APPROX. SHIPPING WEIGHT | MODEL NO. | ITEM NO.*  | LIST PRICE  |
|-------|---------|-------|-----------------------|-------------------------|-----------|------------|-------------|
| 1/3   | 115     | 1     | 1" X 1"               | 20 lbs                  | RC03      | 1M035TVT11 | \$3,463.05  |
| 1/2   | 115/230 | 1     | 1-1/2" X 1-1/2"       | 38 lbs                  | RX05      | 1M045TVT12 | \$5,059.75  |
| 3/4   | 115/230 | 1     | 1-1/2" X 1-1/2"       | 38 lbs                  | RX07      | 1M055TVT13 | \$5,182.85  |
| 1     | 115/230 | 1     | 1-1/2" X 1-1/2"       | 45 lbs                  | RX10      | 1M085TVT14 | \$5,401.45  |
| 1-1/2 | 230/460 | 3     | 2" X 1-1/2"           | 58 lbs                  | RX15      | 1M105TVT35 | \$8,450.70  |
| 2     | 230/460 | 3     | 2" X 1-1/2"           | 58 lbs                  | RX20      | 1M105TVT36 | \$8,815.60  |
| 3     | 230/460 | 3     | 2" X 1-1/2"           | 64 lbs                  | RX30      | 1M125TVT37 | \$9,231.10  |
| 5     | 230/460 | 3     | 2" X 1-1/2"           | 132 lbs                 | RX50      | 1M145TVT38 | \$11,523.55 |

\* All ETFE pumps are equipped with threaded connections.

#### NOTES & OPTIONS:

Explosion-Proof Motor List Adders: 1/2 - 1 HP add \$722.85; 1.5 - 3 HP add \$1,208.20; 5 HP add \$1,564.80

Wash-down Motor List Adders: 1/2 - 1 HP add \$517.00; 1.5 - 3 HP add \$775.70; 5 HP add \$1,292.80.

575 Volt Motor List Adders: 1/2 - 3/4 HP add \$48.50; 1 - 1-1/2 HP add \$96.80; 2 - 3 HP add \$206.05; 5 HP add \$302.65.

For Impeller Trims: Add \$60.80 to list price.

Assembled GFPP Flanged Connections: 1/2 - 1 HP add \$389.10 to list; 1-1/2 - 5 HP add \$466.40 to list price.

Optional Bushing Materials: 1/2 - 5 HP add \$389.10 to list for carbon or \$338.35 to list for ceramic.

Elastomer - FPM is Standard: 1/2 - 5 HP add \$81.45 to list for EPDM.

## R SERIES PUMP HEAD ASSEMBLIES & MOTORS

### R SERIES - PART NUMBER MATRIX

| DIGIT 1 | DIGIT 2 | FLOW (AA) | WET MAT'L (B) | BEARING     | O-RING          | CONNECT      | MOTOR                     | HP/CONSTR    |
|---------|---------|-----------|---------------|-------------|-----------------|--------------|---------------------------|--------------|
| 1       | M       | GPM/10    | 3 = GFPP      | C = Carbon  | E = EPDM        | F = FLANGED  | X = NONE                  | 1 = 1/3 TEFC |
|         |         |           | 5 = ETFE      | T = PTFE    | V = FPM (VITON) | T = THREADED | 1 = 115/230 VAC 50/60     | 2 = 1/2 TEFC |
|         |         |           |               | Z = Ceramic |                 |              | 3 = 240/460 VAC 50/60 3ph | 3 = 3/4 TEFC |
|         |         |           |               |             |                 |              | 4 = 575 VAC 3ph           | 4 = 1 TEFC   |
|         |         |           |               |             |                 |              | 6 = 380 VAC 3ph           | 5 = 1.5 TEFC |
|         |         |           |               |             |                 |              |                           | 6 = 2 TEFC   |
|         |         |           |               |             |                 |              |                           | 7 = 3 TEFC   |
|         |         |           |               |             |                 |              |                           | 8 = 5 TEFC   |
|         |         |           |               |             |                 |              |                           | A = 1/3 EP   |

GFPP = Glass Filled Polypropylene, ETFE = Ethylene Tetrafluorethylene, TEFC = Totally Enclosed Fan-Cooled, EP = Explosion Proof

## R SERIES PUMP HEAD ASSEMBLIES & MOTORS (cont.)

### GLASS FILLED PP

#### PUMP HEAD ONLY

#### MOTOR ONLY - NO BASE

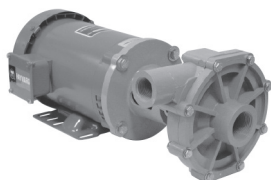
| COMPLETE PUMP NO. | H.P.  | PART NO.     | LIST PRICE | PART NO.      | LIST PRICE |
|-------------------|-------|--------------|------------|---------------|------------|
| 1M043TVT12        | 1/2   | 1M053TVTX315 | \$1,490.25 | 16FA15-203NBX | \$962.55   |
| 1M053TVT13        | 3/4   | 1M053TVTX    | \$1,623.15 | 16FA15-204NBX | \$1,175.55 |
| 1M083TVT14        | 1     | 1M083TVTX    | \$1,766.45 | 16FA15-62NBX  | \$1,278.20 |
| 1M103TVT35        | 1-1/2 | 1M103TVTX437 | \$2,677.30 | 16FA15-174NBX | \$1,278.20 |
| 1M103TVT36        | 2     | 1M103TVTX    | \$3,003.90 | 16FA15-300NBX | \$1,423.95 |
| 1M123TVT37        | 3     | 1M123TVTX    | \$3,228.70 | 16FA15-145NBX | \$1,662.50 |
| 1M143TVT38        | 5     | 1M143TVTX    | \$4,399.80 | 16FA15-189NBX | \$3,043.55 |

### CARBON REINFORCED ETFE

#### PUMP HEAD ONLY

#### MOTOR ONLY - NO BASE

| COMPLETE PUMP NO. | H.P.  | PART NO.     | LIST PRICE | PART NO.      | LIST PRICE |
|-------------------|-------|--------------|------------|---------------|------------|
| 1M045TVT12        | 1/2   | 1M055TVTX315 | \$4,088.20 | 16FA15-203NBX | \$962.55   |
| 1M055TVT13        | 3/4   | 1M055TVTX315 | \$4,088.20 | 16FA15-204NBX | \$1,175.55 |
| 1M085TVT14        | 1     | 1M085TVTX    | \$4,357.00 | 16FA15-62NBX  | \$1,278.20 |
| 1M105TVT35        | 1-1/2 | 1M105TVTX437 | \$6,832.05 | 16FA15-174NBX | \$1,278.20 |
| 1M105TVT36        | 2     | 1M105TVTX    | \$7,114.55 | 16FA15-300NBX | \$1,423.95 |
| 1M125TVT37        | 3     | 1M125TVTX    | \$7,459.35 | 16FA15-145NBX | \$1,662.50 |
| 1M145TVT38        | 5     | 1M145TVTX    | \$9,306.95 | 16FA15-189NBX | \$3,043.55 |



## C SERIES HORIZONTAL END SUCTION PUMPS

Horizontal end suction plastic pumps designed specifically for continuous duty applications. They handle a wide range of corrosive and ultra-pure liquids. All C Series Pumps come with a two-year warranty.

### CPVC

| H.P.  | VOLTS**     | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3   | 115/230     | 1     | 3/4"    | 1/2"      | 31 lbs                  | 1C5GX0200 | \$1,767.80 |
| 1/3   | 208-230/460 | 3     | 3/4"    | 1/2"      | 25 lbs                  | 1C5HX0200 | \$1,767.80 |
| 1     | 115/230     | 1     | 1"      | 3/4"      | 36 lbs                  | 1C7GX0400 | \$2,034.10 |
| 1     | 208-230/460 | 3     | 1"      | 3/4"      | 33 lbs                  | 1C7HX0400 | \$2,034.10 |
| 1-1/2 | 115/230     | 1     | 1-1/4"  | 1"        | 42 lbs                  | 1C8GX0600 | \$2,157.60 |
| 1-1/2 | 208-230/460 | 3     | 1-1/4"  | 1"        | 47 lbs                  | 1C8HX0600 | \$2,157.60 |

### FIBERGLASS REINFORCED POLYPROPYLENE

| H.P.  | VOLTS**     | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3   | 115/230     | 1     | 3/4"    | 1/2"      | 30 lbs                  | 1C5GX0203 | \$1,890.25 |
| 1/3   | 208-230/460 | 3     | 3/4"    | 1/2"      | 24 lbs                  | 1C5HX0203 | \$1,890.25 |
| 1     | 115/230     | 1     | 1"      | 3/4"      | 35 lbs                  | 1C7GX0403 | \$2,157.60 |
| 1     | 208-230/460 | 3     | 1"      | 3/4"      | 32 lbs                  | 1C7HX0403 | \$2,157.60 |
| 1-1/2 | 115/230     | 1     | 1-1/4"  | 1"        | 41 lbs                  | 1C8GX0603 | \$2,298.55 |
| 1-1/2 | 208-230/460 | 3     | 1-1/4"  | 1"        | 46 lbs                  | 1C8HX0603 | \$2,298.55 |

# C SERIES HORIZONTAL END SUCTION PUMPS (cont.)

## PVDF

| H.P.  | VOLTS*      | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3   | 115/230     | 1     | 3/4"    | 1/2"      | 32 lbs                  | 1C5GX0209 | \$2,627.35 |
| 1/3   | 208-230/460 | 3     | 3/4"    | 1/2"      | 26 lbs                  | 1C5HX0209 | \$2,627.35 |
| 1     | 115/230     | 1     | 1"      | 3/4"      | 37 lbs                  | 1C7GX0409 | \$2,929.45 |
| 1     | 208-230/460 | 3     | 1"      | 3/4"      | 34 lbs                  | 1C7HX0409 | \$2,929.45 |
| 1-1/2 | 115/230     | 1     | 1-1/4"  | 1"        | 42 lbs                  | 1C8GX0609 | \$3,413.60 |
| 1-1/2 | 208-230/460 | 3     | 1-1/4"  | 1"        | 48 lbs                  | 1C8HX0609 | \$3,413.60 |

\* 575 Volt motors available. See list adders on page 132.

### NOTES & OPTIONS:

- Standard impeller diameters are C5(2.7"), C7(3.7"), C8(4.2").
- For variations on impellers, add **\$60.80** to list price.
- Carbon/ceramic seals are standard. Special seals are available to order.
- PTFE/ceramic add suffix **S6** to catalog number and add **\$182.15** to list price.
- PTFE/pink ceramic add suffix **S7** to catalog number and add **\$603.10** to list price.
- PTFE/carpenter 20 add suffix **S8** to catalog number and add **\$362.00** to list price.
- Water flushed seals available. to order, specify water wash assembly and add **\$182.15** to list price.
- FPM is standard elastomer. To order EPDM add **\$73.75** to list price.

**NOTE 1:** The suffix "SV" in complete unit and pump head assembly catalog number stands for sleeved, FPM fitted. The suffix "V" stands for non-sleeved, FPM fitted.

**PUMP HEAD ASSEMBLIES ARE CONSIDERED AS WHOLE GOODS FOR DISCOUNT AND FREIGHT ALLOWED ORDER QUANTITY QUALIFICATION.**

PUMPS

## C SERIES PUMP HEAD ASSEMBLIES & MOTORS

### CPVC

### PUMP HEAD ONLY

### MOTOR ONLY

| COMPLETE PUMP NO. | PART NO.  | LIST PRICE | PART NO.   | LIST PRICE |
|-------------------|-----------|------------|------------|------------|
| 1C5GX0200         | 1C5ZX0200 | \$1,169.70 | 16FA15-61  | \$873.40   |
| 1C5HX0200         |           |            | 16FA15-142 | \$922.40   |
| 1C7GX0400         | 1C7ZX0400 | \$1,274.80 | 16FA15-62  | \$1,144.95 |
| 1C7HX0400         |           |            | 16FA15-74  | \$1,098.50 |
| 1C8GX0600         | 1C8ZX0600 | \$1,323.20 | 16FA15-173 | \$1,169.70 |
| 1C8HX0600         |           |            | 16FA15-174 | \$1,123.20 |

### PP

### PUMP HEAD ONLY

### MOTOR ONLY

| COMPLETE PUMP NO. | PART NO.  | LIST PRICE | PART NO.   | LIST PRICE |
|-------------------|-----------|------------|------------|------------|
| 1C5GX0203         | 1C5ZX0203 | \$1,299.55 | 16FA15-61  | \$873.40   |
| 1C5HX0203         |           |            | 16FA15-142 | \$922.40   |
| 1C7GX0403         | 1C7ZX0403 | \$1,464.50 | 16FA15-62  | \$1,144.95 |
| 1C7HX0403         |           |            | 16FA15-74  | \$1,098.50 |
| 1C8GX0603         | 1C8ZX0603 | \$1,559.30 | 16FA15-173 | \$1,169.70 |
| 1C8HX0603         |           |            | 16FA15-174 | \$1,123.20 |

**PUMP HEAD ASSEMBLIES ARE CONSIDERED AS WHOLE GOODS FOR DISCOUNT AND FREIGHT ALLOWED ORDER QUANTITY QUALIFICATION.**

### PVDF

### PUMP HEAD ONLY

### MOTOR ONLY

| COMPLETE PUMP NO. | PART NO.  | LIST PRICE | PART NO.   | LIST PRICE |
|-------------------|-----------|------------|------------|------------|
| 1C5GX0209         | 1C5ZX0209 | \$2,067.35 | 16FA15-61  | \$873.40   |
| 1C5HX0209         |           |            | 16FA15-142 | \$922.40   |
| 1C7GX0409         | 1C7ZX0409 | \$2,304.25 | 16FA15-62  | \$1,144.95 |
| 1C7HX0409         |           |            | 16FA15-74  | \$1,098.50 |
| 1C8GX0609         | 1C8ZX0609 | \$2,374.30 | 16FA15-173 | \$1,169.70 |
| 1C8HX0609         |           |            | 16FA15-174 | \$1,123.20 |

**PUMP HEAD ASSEMBLIES ARE CONSIDERED AS WHOLE GOODS FOR DISCOUNT AND FREIGHT ALLOWED ORDER QUANTITY QUALIFICATION.**





# T SERIES VERTICAL IMMERSIBLE PUMPS

Vertical seal-less, immersible, thermoplastic pumps designed for rugged chemical duty applications. They handle a wide range of corrosive and ultra-pure liquids. The pumps feature a single, non-coupled motor/impeller stainless steel shaft with a proprietary, patent-pending shaft seal. Designed with a PTFE seal for more chemical compatibility and less wear/degradation over time. The shaft sleeve is extended to move the seal point up and away from the weep hole protecting the metal shaft and centralizing the sleeve.

## CPVC

| H.P.  | VOLTS       | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3   | 115/230     | 1     | 1"      | 3/4"      | 24 lbs                  | 1T2GX0008 | \$1,344.10 |
| 1/3   | 208-230/460 | 3     | 1"      | 3/4"      | 24 lbs                  | 1T2HX0008 | \$1,344.10 |
| 1/2   | 115/230     | 1     | 1-1/4"  | 1"        | 26 lbs                  | 1T4GX0008 | \$1,504.85 |
| 1/2   | 208-230/460 | 3     | 1-1/4"  | 1"        | 26 lbs                  | 1T4HX0008 | \$1,504.85 |
| 3/4   | 115/230     | 1     | 1-1/4"  | 1"        | 28 lbs                  | 1T5GX0008 | \$1,653.90 |
| 3/4   | 208-230/460 | 3     | 1-1/4"  | 1"        | 28 lbs                  | 1T5HX0008 | \$1,653.90 |
| 1     | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 30 lbs                  | 1T6GX0008 | \$1,999.15 |
| 1     | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 30 lbs                  | 1T6HX0008 | \$1,999.15 |
| 1     | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 32 lbs                  | 1T7GX0008 | \$2,090.00 |
| 1     | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 32 lbs                  | 1T7HX0008 | \$2,090.00 |
| 1-1/2 | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 34 lbs                  | 1T8GX0008 | \$2,153.30 |
| 1-1/2 | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 34 lbs                  | 1T8HX0008 | \$2,153.30 |

## GFPP

| H.P.  | VOLTS       | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3   | 115/230     | 1     | 1"      | 3/4"      | 24 lbs                  | 1T2GX0003 | \$1,352.55 |
| 1/3   | 208-230/460 | 3     | 1"      | 3/4"      | 24 lbs                  | 1T2HX0003 | \$1,352.55 |
| 1/2   | 115/230     | 1     | 1-1/4"  | 1"        | 26 lbs                  | 1T4GX0003 | \$1,598.70 |
| 1/2   | 208-230/460 | 3     | 1-1/4"  | 1"        | 26 lbs                  | 1T4HX0003 | \$1,598.70 |
| 3/4   | 115/230     | 1     | 1-1/4"  | 1"        | 28 lbs                  | 1T5GX0003 | \$1,801.00 |
| 3/4   | 208-230/460 | 3     | 1-1/4"  | 1"        | 28 lbs                  | 1T5HX0003 | \$1,801.00 |
| 1     | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 30 lbs                  | 1T6GX0003 | \$1,898.20 |
| 1     | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 30 lbs                  | 1T6HX0003 | \$1,898.20 |
| 1     | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 32 lbs                  | 1T7GX0003 | \$2,124.70 |
| 1     | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 32 lbs                  | 1T7HX0003 | \$2,124.70 |
| 1-1/2 | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 34 lbs                  | 1T8GX0003 | \$2,252.00 |
| 1-1/2 | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 34 lbs                  | 1T8HX0003 | \$2,252.00 |

## PVDF

| H.P.  | VOLTS       | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3   | 115/230     | 1     | 1"      | 3/4"      | 24 lbs                  | 1T2GX0009 | \$1,964.40 |
| 1/3   | 208-230/460 | 3     | 1"      | 3/4"      | 24 lbs                  | 1T2HX0009 | \$1,964.40 |
| 1/2   | 115/230     | 1     | 1-1/4"  | 1"        | 26 lbs                  | 1T4GX0009 | \$2,122.05 |
| 1/2   | 208-230/460 | 3     | 1-1/4"  | 1"        | 26 lbs                  | 1T4HX0009 | \$2,122.05 |
| 3/4   | 115/230     | 1     | 1-1/4"  | 1"        | 28 lbs                  | 1T5GX0009 | \$2,383.80 |
| 3/4   | 208-230/460 | 3     | 1-1/4"  | 1"        | 28 lbs                  | 1T5HX0009 | \$2,383.80 |
| 1     | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 30 lbs                  | 1T6GX0009 | \$2,498.00 |
| 1     | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 30 lbs                  | 1T6HX0009 | \$2,498.00 |
| 1     | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 32 lbs                  | 1T7GX0009 | \$2,573.05 |
| 1     | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 32 lbs                  | 1T7HX0009 | \$2,573.05 |
| 1-1/2 | 115/230     | 1     | 1-1/2"  | 1-1/4"    | 34 lbs                  | 1T8GX0009 | \$2,887.40 |
| 1-1/2 | 208-230/460 | 3     | 1-1/2"  | 1-1/4"    | 34 lbs                  | 1T8HX0009 | \$2,887.40 |

## CPVC WITH WASH-DOWN MOTORS

| PART DESCRIPTION               | PART NO.    | LIST PRICE |
|--------------------------------|-------------|------------|
| T2 Series with Wash-Down Motor | 1T2GX0008WD | \$1,665.65 |
| T2 Series with Wash-Down Motor | 1T2HX0008WD | \$1,665.65 |
| T4 Series with Wash-Down Motor | 1T4GX0008WD | \$1,826.95 |
| T4 Series with Wash-Down Motor | 1T4HX0008WD | \$1,826.95 |
| T5 Series with Wash-Down Motor | 1T5GX0008WD | \$1,975.50 |
| T5 Series with Wash-Down Motor | 1T5HX0008WD | \$1,975.50 |
| T6 Series with Wash-Down Motor | 1T6GX0008WD | \$2,320.70 |
| T6 Series with Wash-Down Motor | 1T6HX0008WD | \$2,320.70 |
| T7 Series with Wash-Down Motor | 1T7GX0008WD | \$2,411.50 |

| PART DESCRIPTION               | PART NO.    | LIST PRICE |
|--------------------------------|-------------|------------|
| T7 Series with Wash-Down Motor | 1T7HX0008WD | \$2,411.50 |
| T8 Series with Wash-Down Motor | 1T8GX0008WD | \$2,474.90 |
| T8 Series with Wash-Down Motor | 1T8HX0008WD | \$2,474.90 |

## OPTIONS

| PART DESCRIPTION            | LIST PRICE ADDER |
|-----------------------------|------------------|
| Explosion-Proof Motor       | Consult Factory  |
| 575 Volt Motor              | Consult Factory  |
| Non-Standard Impeller Trims | Consult Factory  |

# D & S SERIES VERTICAL IMMERSIBLE PUMPS

Vertical seal-less, immersible, plastic pumps designed for rugged chemical duty applications. They handle a wide range of corrosive and ultra-pure liquids.



## CPVC

| H.P.  | VOLTS**     | PHASE | SUCTION      | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.   | LIST PRICE |
|-------|-------------|-------|--------------|-----------|-------------------------|------------|------------|
| 1/8   | 115/230     | 1     | 1"           | 1/2"      | 12 lbs                  | 1D1GX0008  | \$867.70   |
| 1/8   | 115/230     | 1     | 1"           | 1/2"      | 12 lbs                  | 1DD1GX008  | \$1,039.00 |
| 1/15  | 115         | 1     | 3/4"         | 1/2"      | 7 lbs                   | 1S1GX0008  | \$698.95   |
| 1/3   | 115/230     | 1     | 1"           | 3/4"      | 26 lbs                  | 1S2GX0008  | \$1,438.75 |
| 1/3   | 208-230/460 | 3     | 1"           | 3/4"      | 30 lbs                  | 1S2HX0008  | \$1,438.75 |
| 1/2   | 115/230     | 1     | 1 1/4"       | 1"        | 31 lbs                  | 1S4GX0008  | \$1,611.30 |
| 3/4   | 208-230/460 | 3     | 1 1/4"       | 1"        | 31 lbs                  | 1S4HX0008  | \$1,611.30 |
| 3/4   | 115/230     | 1     | 1 1/4"       | 1"        | 35 lbs                  | 1S5GX0008  | \$1,770.40 |
| 1     | 208-230/460 | 3     | 1 1/4"       | 1"        | 35 lbs                  | 1S5HX0008  | \$1,770.40 |
| 3/4   | 115/230     | 1     | 1 1/2"       | 1 1/4"    | 39 lbs                  | 1SS6GX008  | \$2,140.00 |
| 3/4   | 208-230/460 | 3     | 1 1/2"       | 1 1/4"    | 39 lbs                  | 1SS6HX008  | \$2,140.00 |
| 1     | 115/230     | 1     | 1 1/2"       | 1 1/4"    | 42 lbs                  | 1SS7GX008  | \$2,237.10 |
| 1     | 208-230/460 | 3     | 1 1/2"       | 1 1/4"    | 42 lbs                  | 1SS7HX008  | \$2,237.10 |
| 1 1/2 | 115/230     | 1     | 1 1/2"       | 1 1/4"    | 45 lbs                  | 1S8GX0008  | \$2,304.85 |
| 1 1/2 | 208-230/460 | 3     | 1 1/2"       | 1 1/4"    | 45 lbs                  | 1S8HX0008  | \$2,304.85 |
| 3     | 208-230/460 | 3     | 3" MALE SLIP | 1 1/2"    | 75 lbs                  | 1S0HX0008  | \$3,153.70 |
| 3     | 208-230/460 | 3     | 3" MALE SLIP | 1 1/2"    | 75 lbs                  | 1S0HX0100* | \$3,210.70 |
| 5     | 208-230/460 | 3     | 3" MALE SLIP | 2"        | 135 lbs                 | 1S9HX0008  | \$4,955.70 |

\* Has 4.5 inch trimmed impeller.

## NATURAL PP

| H.P. | VOLTS** | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|------|---------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/8  | 115/230 | 1     | 1"      | 1/2"      | 11 lbs                  | 1D1GX0006 | \$924.25   |
| 1/8  | 115/230 | 1     | 1"      | 1/2"      | 11 lbs                  | 1DD1GX006 | \$1,072.20 |
| 1/15 | 115     | 1     | 3/4"    | 1/2"      | 6 lbs                   | 1S1GX0006 | \$698.95   |



## FIBERGLASS REINFORCED PP

| H.P.  | VOLTS**     | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3   | 115/230     | 1     | 1"      | 3/4"      | 25 lbs                  | 1S2GX0003 | \$1,421.50 |
| 1/3   | 208-230/460 | 3     | 1"      | 3/4"      | 30 lbs                  | 1S2HX0003 | \$1,421.50 |
| 1/2   | 115/230     | 1     | 1 1/4"  | 1"        | 30 lbs                  | 1S4GX0003 | \$1,680.15 |
| 3/4   | 208-230/460 | 3     | 1 1/4"  | 1"        | 30 lbs                  | 1S4HX0003 | \$1,680.15 |
| 3/4   | 115/230     | 1     | 1 1/4"  | 1"        | 34 lbs                  | 1S5GX0003 | \$1,892.65 |
| 1     | 208-230/460 | 3     | 1 1/4"  | 1"        | 34 lbs                  | 1S5HX0003 | \$1,892.65 |
| 3/4   | 115/230     | 1     | 1 1/2"  | 1 1/4"    | 38 lbs                  | 1SS6GX003 | \$1,994.90 |
| 3/4   | 208-230/460 | 3     | 1 1/2"  | 1 1/4"    | 38 lbs                  | 1SS6HX003 | \$1,994.90 |
| 1     | 115/230     | 1     | 1 1/2"  | 1 1/4"    | 41 lbs                  | 1SS7GX003 | \$2,233.00 |
| 1     | 208-230/460 | 3     | 1 1/2"  | 1 1/4"    | 41 lbs                  | 1SS7HX003 | \$2,233.00 |
| 1 1/2 | 115/230     | 1     | 1 1/2"  | 1 1/4"    | 44 lbs                  | 1S8GX0003 | \$2,366.75 |
| 1 1/2 | 208-230/460 | 3     | 1 1/2"  | 1 1/4"    | 44 lbs                  | 1S8HX0003 | \$2,366.75 |

## PVDF

| H.P.  | VOLTS**     | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO.  | LIST PRICE |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/8   | 115/230     | 1     | 1"      | 1/2"      | 12 lbs                  | 1D1GX0009 | \$1,048.60 |
| 1/8   | 115/230     | 1     | 1"      | 1/2"      | 12 lbs                  | 1DD1GX009 | \$1,307.40 |
| 1/15  | 115         | 1     | 3/4"    | 1/2"      | 7 lbs                   | 1S1GX0009 | \$947.30   |
| 1/3   | 115/230     | 1     | 1"      | 3/4"      | 26 lbs                  | 1S2GX0009 | \$2,063.75 |
| 1/3   | 208-230/460 | 3     | 1"      | 3/4"      | 30 lbs                  | 1S2HX0009 | \$2,063.75 |
| 1/2   | 115/230     | 1     | 1 1/4"  | 1"        | 31 lbs                  | 1S4GX0009 | \$2,233.00 |
| 3/4   | 208-230/460 | 3     | 1 1/4"  | 1"        | 31 lbs                  | 1S4HX0009 | \$2,233.00 |
| 3/4   | 115/230     | 1     | 1 1/4"  | 1"        | 35 lbs                  | 1S5GX0009 | \$2,514.35 |
| 1     | 208-230/460 | 3     | 1 1/4"  | 1"        | 35 lbs                  | 1S5HX0009 | \$2,514.35 |
| 3/4   | 115/230     | 1     | 1 1/2"  | 1 1/4"    | 39 lbs                  | 1SS6GX009 | \$2,636.25 |
| 3/4   | 208-230/460 | 3     | 1 1/2"  | 1 1/4"    | 39 lbs                  | 1SS6HX009 | \$2,636.25 |
| 1     | 115/230     | 1     | 1 1/2"  | 1 1/4"    | 42 lbs                  | 1SS7GX009 | \$2,716.85 |
| 1 1/2 | 208-230/460 | 3     | 1 1/2"  | 1 1/4"    | 42 lbs                  | 1SS7HX009 | \$2,907.80 |
| 1 1/2 | 115/230     | 1     | 1 1/2"  | 1 1/4"    | 45 lbs                  | 1S8GX0009 | \$3,053.25 |
| 1 1/2 | 208-230/460 | 3     | 1 1/2"  | 1 1/4"    | 45 lbs                  | 1S8HX0009 | \$3,053.25 |

\*\* 575 Volt motors available. See list adders on page 137.

### NOTES & OPTIONS:

1. D1 thru S8 CPVC, PP, and PVDF models have male (external) pipe thread suction port connection.
2. CPVC, PP, and PVDF models have female (internal) pipe thread discharge connections.
3. For non-standard, trimmed impellers - add \$60.90 to list price.

4. Explosion proof motor adders to list price: 1/3 – 1 HP add \$721.85; 1 1/2 - 3 HP add \$1,202.90; 5 HP add \$1,564.80; Wash-down motor adders to list price: 1/3 – 1 HP add \$481.35; 1 1/2 - 3 HP add \$721.85; 5 HP add \$1,202.90.
5. FPM is standard elastomer. For EPDM add \$74.25 to list price.
6. D&S Series, S-J Type electrical cord w/push button switch, add \$244.30, (WED extension).

# D & S SERIES VERTICAL IMMERSIBLE PUMPS (cont.)

## INLET EXTENSION PIPES EQUIPPED WITH FOOT VALVES



Inlet extension pipes are assembled onto the inlet port of vertical pumps so that suction can be moved down to the bottom of the tank. This creates better bath agitation and increased bath level range. Inlet extension pipe units boast ruggedness and high performance with all true union connections. These connections allow for quick and easy assembly and disassembly for periodic cleaning. A standard Hayward CPVC true union ball check valve with FPM seals is used as the foot valve along with a newly designed, oversized inlet screen, providing a 6:1 open straining area versus the inlet size. The oversized screen not only decreases performance loss due to premature clogging, it also provides longer time intervals between screen cleaning. The inlet screen is fabricated from perforated CPVC that is 3/16" perf. The screen catches large solids that could damage the impeller during operation or prevent the ball check from seating and consequently losing prime. At a minimal cost versus extended-shaft vertical pumps, inlet extension pipes provide a practical alternative for reaching the bottom of the tank.

| EXTENSION LENGTH* | D1/DD1/S2 (1" FOOT VALVE)           | S4/S5 (1-1/4" FOOT VALVE)          | SS6/SS7/S8 (1-1/2" FOOT VALVE)      |
|-------------------|-------------------------------------|------------------------------------|-------------------------------------|
| 24"               | EXT24FVD1S2<br>List Price: \$439.75 | EXT24FVS45<br>List Price: \$537.35 | EXT24FVS678<br>List Price: \$635.05 |
| 36"               | EXT36FVD1S2<br>List Price: \$488.55 | EXT36FVS45<br>List Price: \$586.25 | EXT36FVS678<br>List Price: \$684.00 |
| 48"               | N/A                                 | EXT48FVS45<br>List Price: \$635.05 | EXT48FVS678<br>List Price: \$732.85 |
| 60"               | N/A                                 | N/A                                | EXT60FVS678<br>List Price: \$781.60 |

\* Extension pipes with foot valve are sold independent of pumps.

For loss calculation, assume 10-15% decrease from published performance curve due to pipe, foot valve and union fitting.

## EXTENDED-SHAFT VERTICAL PUMPS

Used to eliminate extension pipes so that a prime is not needed. Through extending the shaft and locating the impeller closer to the bottom of the tank, more agitation is created for better filtration of the process fluid. Wash-down and Explosion-Proof motors available upon request.



| EXTENSION LENGTH | H.P.                  | 1 PHASE PART NO. | 3 PHASE PART NO. | LIST PRICE |
|------------------|-----------------------|------------------|------------------|------------|
| 18"              | 1/3                   | 1S2GX8X18        | 1S2HX8X18        | \$2,323.55 |
| 24"              | 1/3                   | 1S2GX8X24        | 1S2HX8X24        | \$2,441.50 |
| 18"              | 1/2(1 ph) - 3/4(3 ph) | 1S4GX8X18        | 1S4HX8X18        | \$2,559.45 |
| 24"              | 1/2(1 ph) - 3/4(3 ph) | 1S4GX8X24        | 1S4HX8X24        | \$2,677.60 |
| 18"              | 3/4(1 ph) - 1(3 ph)   | 1S5GX8X18        | 1S5HX8X18        | \$2,728.75 |
| 24"              | 3/4(1 ph) - 1(3 ph)   | 1S5GX8X24        | 1S5HX8X24        | \$2,846.75 |
| 18"              | 3/4                   | 1S6GX8X18        | 1S6HX8X18        | \$2,862.45 |
| 24"              | 3/4                   | 1S6GX8X24        | 1S6HX8X24        | \$2,980.60 |
| 18"              | 1                     | 1S7GX8X18        | 1S7HX8X18        | \$3,033.60 |
| 24"              | 1                     | 1S7GX8X24        | 1S7HX8X24        | \$3,151.65 |
| 18"              | 1-1/2                 | 1S8GX8X18        | 1S8HX8X18        | \$3,236.30 |
| 24"              | 1-1/2                 | 1S8GX8X24        | 1S8HX8X24        | \$3,354.45 |



## INLET SCREENS FOR VERTICAL PUMPS

Features 3/16" perforated screen to strain harmful solids that may damage the impeller during operation. Inlet screens are available in CPVC only.

| PUMP SERIES | CPVC SUFFIX NO. | ADDER LIST PRICE |
|-------------|-----------------|------------------|
| D1/DD1/S2   | SC2             | \$84.15          |
| S4/S5       | SC4             | \$94.65          |
| SS6/SS7/S8  | SC6             | \$105.05         |



## IN-TANK FILTRATION SYSTEMS FOR VERTICAL PUMPS

Used to filter particles from process fluid within a tank. This eliminates the need to plumb outside the tank. Price includes the vertical pump and attached filtration system. Available in 10" and 20" lengths in single or double cartridge configuration. Available in CPVC only. FPM seals are standard.

| Filters/Length | H.P. | GPH  | Cycle (Hz) | Volts*  | Phase | Motor Type | Ship Weight | Part No.     | List Price |
|----------------|------|------|------------|---------|-------|------------|-------------|--------------|------------|
| 1 - 10"        | 1/8  | 600  | 50/60      | 115/230 | 1     | TEFC       | 15          | WPI-DDH-1-10 | POA        |
| 2 - 10"        | 1/8  | 600  | 50/60      | 115/230 | 1     | TEFC       | 16          | WPI-DDH-2-10 | POA        |
| 1 - 20"        | 1/8  | 600  | 50/60      | 115/230 | 1     | TEFC       | 16          | WPI-DDH-1-20 | POA        |
| 1 - 20"        | 1/3  | 1100 | 50/60      | 115/230 | 1     | TEFC       | 28.5        | WPI-S2H-1-20 | POA        |
| 2 - 20"        | 1/3  | 1100 | 50/60      | 115/230 | 1     | TEFC       | 30.5        | WPI-S2H-2-20 | POA        |
| 1 - 20"        | 1/2  | 2200 | 50/60      | 115/230 | 1     | TEFC       | 33.5        | WPI-S4H-1-20 | POA        |
| 2 - 20"        | 1/2  | 2200 | 50/60      | 115/230 | 1     | TEFC       | 35.5        | WPI-S4H-2-20 | POA        |



# D & S SERIES PUMP HEAD ASSEMBLIES & MOTORS

## CPVC

## PUMP HEAD ONLY

## MOTOR ONLY

| COMPLETE PUMP NO. | PART NO.    | LIST PRICE | PART NO.   | LIST PRICE |
|-------------------|-------------|------------|------------|------------|
| 1D1GX0008         | 1D1ZX0008   | \$566.85   | 16FA15-220 | \$697.25   |
| 1DD1GX0008        | 1DD1ZX0008  | \$697.25   | 16FA15-220 | \$697.25   |
| 1S1GX0008         | 1S1ZX0008   | \$545.20   | 16FA15-178 | \$450.05   |
| 1S2GX0008         | 1S2ZX0008   | \$933.05   | 16FA15-61  | \$873.40   |
| 1S2HX0008         |             |            | 16FA15-142 | \$922.40   |
| 1S4GX0008         | 1S4ZX0008   | \$1,169.70 | 16FA15-203 | \$957.45   |
| 1S4HX0008         |             |            | 16FA15-288 | \$1,052.10 |
| 1S5GX0008         | 1S5ZX0008   | \$1,193.40 | 16FA15-204 | \$1,052.10 |
| 1S5HX0008         |             |            | 16FA15-74  | \$1,098.50 |
| 1SS6GX0008        | 1SS6ZX0008  | \$1,380.95 | 16FA15-204 | \$1,052.10 |
| 1SS6HX0008        |             |            | 16FA15-288 | \$1,052.10 |
| 1SS7GX0008        | 1SS7ZX0008  | \$1,405.70 | 16FA15-62  | \$1,144.95 |
| 1SS7HX0008        |             |            | 16FA15-74  | \$1,098.50 |
| 1S8GX0008         | 1S8ZX0008   | \$1,440.70 | 16FA15-173 | \$1,169.70 |
| 1S8HX0008         |             |            | 16FA15-174 | \$1,123.20 |
| 1S0HX0008         | 1S0ZX0008*  | \$2,397.00 | 16FA15-145 | \$1,570.55 |
| 1S0HX0100         | 1S0ZX0100** | \$2,434.20 | 16FA15-145 | \$1,570.55 |
| 1S9HX0008         | 1S9XZC08    | \$2,702.05 | 16FA15-189 | \$2,976.10 |

\* 5" Impeller

\*\* 4.5" Impeller

## PP

## PUMP HEAD ONLY

## MOTOR ONLY

| COMPLETE PUMP NO. | PART NO.   | LIST PRICE | PART NO.   | LIST PRICE |
|-------------------|------------|------------|------------|------------|
| 1D1GX0006         | 1D1ZX0006  | \$626.70   | 16FA15-220 | \$697.25   |
| 1DD1GX0006        | 1DD1ZX0006 | \$802.75   | 16FA15-220 | \$697.25   |
| 1S1GX0006         | 1S1ZX0006  | \$591.55   | 16FA15-178 | \$450.05   |
| 1S2GX0003         | 1S2ZX0003  | \$957.30   | 16FA15-61  | \$873.40   |
| 1S2HX0003         |            |            | 16FA15-142 | \$922.40   |
| 1S4GX0003         | 1S4ZX0003  | \$1,193.40 | 16FA15-203 | \$957.45   |
| 1S4HX0003         |            |            | 16FA15-288 | \$1,052.10 |
| 1S5GX0003         | 1S5ZX0003  | \$1,218.20 | 16FA15-204 | \$1,052.10 |
| 1S5HX0003         |            |            | 16FA15-74  | \$1,098.50 |
| 1SS6GX0003        | 1SS6ZX0003 | \$1,475.70 | 16FA15-204 | \$1,052.10 |
| 1SS6HX0003        |            |            | 16FA15-288 | \$1,052.10 |
| 1SS7GX0003        | 1SS7ZX0003 | \$1,475.70 | 16FA15-62  | \$1,144.95 |
| 1SS7HX0003        |            |            | 16FA15-74  | \$1,098.50 |
| 1S8GX0003         | 1S8ZX0003  | \$1,546.85 | 16FA15-173 | \$1,169.70 |
| 1S8HX0003         |            |            | 16FA15-174 | \$1,123.20 |

## PVDF

## PUMP HEAD ONLY

## MOTOR ONLY

| COMPLETE PUMP NO. | PART NO.   | LIST PRICE | PART NO.   | LIST PRICE |
|-------------------|------------|------------|------------|------------|
| 1D1GX0009         | 1D1ZX0009  | \$1,027.95 | 16FA15-220 | \$697.25   |
| 1DD1GX0009        | 1DD1ZX0009 | \$1,253.15 | 16FA15-220 | \$697.25   |
| 1S1GX0009         | 1S1ZX0009  | \$992.40   | 16FA15-178 | \$450.05   |
| 1S2GX0009         | 1S2ZX0009  | \$1,806.50 | 16FA15-61  | \$873.40   |
| 1S2HX0009         |            |            | 16FA15-142 | \$922.40   |
| 1S4GX0009         | 1S4ZX0009  | \$2,042.45 | 16FA15-203 | \$957.45   |
| 1S4HX0009         |            |            | 16FA15-288 | \$1,052.10 |
| 1S5GX0009         | 1S5ZX0009  | \$2,172.35 | 16FA15-204 | \$1,052.10 |
| 1S5HX0009         |            |            | 16FA15-74  | \$1,098.50 |
| 1SS6GX0009        | 1SS6ZX0009 | \$2,197.15 | 16FA15-204 | \$1,052.10 |
| 1SS6HX0009        |            |            | 16FA15-288 | \$1,052.10 |
| 1SS7GX0009        | 1SS7ZX0009 | \$2,232.20 | 16FA15-62  | \$1,144.95 |
| 1SS7HX0009        |            |            | 16FA15-74  | \$1,098.50 |
| 1S8GX0009         | 1S8ZX0009  | \$2,304.25 | 16FA15-173 | \$1,169.70 |
| 1S8HX0009         |            |            | 16FA15-174 | \$1,123.20 |

### NOTES:

- D1 thru S8 CPVC, PP, and PVDF models have male (external) pipe thread suction port connection.
- S12 and S16 CPVC models have slip-on suction port connection of standard pipe diameter, for use of tubing or solvent welding of CPVC plumbing.
- CPVC, PP, and PVDF models have female (internal) pipe thread discharge connections.
- D1/DD1 and S1 are natural PP. S2 - S8 are glass-filled PP.

**PUMP HEAD ASSEMBLIES ARE CONSIDERED AS WHOLE GOODS FOR DISCOUNT AND FREIGHT ALLOWED ORDER QUANTITY QUALIFICATION.**

# LIFESTAR® AQUATIC PUMP SPARE PARTS

| DESCRIPTION                     | PART NUMBER  | LIST PRICE      |
|---------------------------------|--------------|-----------------|
| True Union Connector Kit        | 1AX3SESUNKIT | <b>\$33.25</b>  |
| True Union EPDM Gasket<br>2 PCS | 1AX3SESUG    | <b>\$8.90</b>   |
| Strainer Cover Kit              | 1AX3SESDLS   | <b>\$57.05</b>  |
| O-Ring Strainer Cover           | 1AX3SESS     | <b>\$9.90</b>   |
| Strainer Basket                 | 1AX3SESM     | <b>\$24.25</b>  |
| Diffuser Screw                  | 1AX3SESZ8    | <b>\$2.65</b>   |
| Diffuser                        | 1AX3SESB3    | <b>\$28.85</b>  |
| Impeller Screw                  | 1AX3SESZ1    | <b>\$10.35</b>  |
| 1/2 HP Impeller with screw      | 1AX3SES05C   | <b>\$139.30</b> |
| 3/4 HP Impeller with screw      | 1AX3SES07C   | <b>\$139.30</b> |
| 1 HP Impeller with screw        | 1AX3SES10C   | <b>\$139.30</b> |
| 1-1/2 HP Impeller with screw    | 1AX3SES15C   | <b>\$139.30</b> |

| DESCRIPTION                                            | PART NUMBER | LIST PRICE      |
|--------------------------------------------------------|-------------|-----------------|
| 2 HP Impeller with screw                               | 1AX3SES20C  | <b>\$139.30</b> |
| 3 HP Impeller with screw                               | 1AX3SES30C  | <b>\$139.30</b> |
| 5 HP Impeller with screw                               | 1AX3SES50C  | <b>\$139.30</b> |
| Shaft Seal Assembly<br>Silicon Carbide/Silicon Carbide | 1AX3SESSA   | <b>\$150.00</b> |
| Housing O-Ring                                         | 1AX3SEST    | <b>\$7.55</b>   |
| Seal Plate                                             | 1AX3SESE    | <b>\$36.60</b>  |
| Housing Insert and Seal Plate Kit                      | 1AX3SESZ211 | <b>\$16.75</b>  |
| Housing Bolt                                           | 1AX3SESZ3   | <b>\$3.05</b>   |
| Motor Bolt                                             | 1AX3SESZ5   | <b>\$3.05</b>   |
| Motor Support Bracket                                  | 1AX3SESGA   | <b>\$28.95</b>  |
| Short Riser Base                                       | 1AX3SESWF   | <b>\$27.60</b>  |
| Tall Riser Base                                        | 1AX3SESSR   | <b>\$26.35</b>  |

## R SERIES PARTS

| DESCRIPTION                           | QUANTITY | FOR MODEL NO.       | PART NO.  | LIST PRICE      |
|---------------------------------------|----------|---------------------|-----------|-----------------|
| <b>PUMPS</b>                          |          |                     |           |                 |
| Bracket, NEMA                         | 1        | RX05 - RX50         | 1MXBR     | <b>\$430.35</b> |
| Bushing (Carbon) - option             | 1        | RX05 - RX50         | 1MXBCAR   | <b>\$337.85</b> |
| Bushing (Ceramic) - option            | 1        | RX05 - RX50         | 1MXBCER   | <b>\$382.90</b> |
| Bushing (PTFE) - standard             | 1        | RX05 - RX50         | 1MXBTEF   | <b>\$195.05</b> |
| Cap Screw Set for Pump Base           | 4        | RX05 - RX30         | SCR83KIT  | <b>\$40.45</b>  |
| Cap Screw Set for Pump Base           | 4        | RX50                | SCR135KIT | <b>\$52.45</b>  |
| Cap Screw Set for Rear Casing Support | 6        | RX05 - RX50         | SCR111KIT | <b>\$40.45</b>  |
| Casing- Front (CFR PVDF)              | 1        | RC03                | 1MX7FC03  | <b>\$382.90</b> |
| Casing- Front (CFR PVDF)              | 1        | RX05,RX07           | 1MX7FC07  | <b>\$485.15</b> |
| Casing- Front (CFR PVDF)              | 1        | RX10                | 1MX7FC10  | <b>\$530.20</b> |
| Casing- Front (CFR PVDF)              | 1        | RX15,RX20,RX30,RX50 | 1MX7FC25  | <b>\$803.85</b> |
| Casing- Front (GFPP)                  | 1        | RC03                | 1MX3FC03  | <b>\$242.65</b> |
| Casing- Front (GFPP)                  | 1        | RX05,RX07           | 1MX3FC07  | <b>\$290.05</b> |
| Casing- Front (GFPP)                  | 1        | RX10                | 1MX3FC10  | <b>\$316.30</b> |
| Casing- Front (GFPP)                  | 1        | RX15,RX20,RX30,RX50 | 1MX3FC25  | <b>\$485.15</b> |
| Casing-Rear with shaft (CFR PVDF)     | 1        | RC03                | 1MX7RC03  | <b>\$382.90</b> |
| Casing-Rear (CFR PVDF)                | 1        | RX05,RX07           | 1MX7RC07  | <b>\$337.85</b> |
| Casing-Rear (CFR PVDF)                | 1        | RX10                | 1MX7RC10  | <b>\$382.90</b> |
| Casing-Rear (CFR PVDF)                | 1        | RX15,RX20,RX30,RX50 | 1MX7RC25  | <b>\$658.85</b> |
| Casing-Rear with shaft (GFPP)         | 1        | RC03                | 1MX3RC03  | <b>\$290.05</b> |
| Casing-Rear (GFPP)                    | 1        | RX05,RX07           | 1MX3RC07  | <b>\$140.40</b> |
| Casing-Rear (GFPP)                    | 1        | RX10                | 1MX3RC10  | <b>\$154.70</b> |
| Casing-Rear (GFPP)                    | 1        | RX15,RX20,RX30,RX50 | 1MX3RC25  | <b>\$530.20</b> |
| Casing Support -Rear                  | 1        | RX05,RX07           | 1MXCS07   | <b>\$173.80</b> |
| Casing Support -Rear                  | 1        | RX10                | 1MXCS10   | <b>\$173.80</b> |

CONSULT HAYWARD FOR ETFE PARTS AND PRICING

## R SERIES PARTS (cont.)

| DESCRIPTION                               | QUANTITY | FOR MODEL NO.       | PART NO.    | LIST PRICE |
|-------------------------------------------|----------|---------------------|-------------|------------|
| Casing Support -Rear                      | 1        | RX15,RX20,RX30,RX50 | 1MXCS25     | \$290.05   |
| Flange Kit (GFPP)                         | 1        | RX05,RX07,RX10      | 1MX3FK1.5   | \$318.75   |
| Flange Kit (GFPP)                         | 1        | RX15,RX20,RX30,RX50 | 1MX3FK2.0   | \$394.75   |
| Flange Kit (CFR PVDF)                     | 1        | RX05,RX07,RX10      | 1MX7FK1.5   | \$608.80   |
| Flange Kit (CFR PVDF)                     | 1        | RX15,RX20,RX30,RX50 | 1MX7FK2.0   | \$708.85   |
| Hex Bolt Set for Casing                   | 6        | RC03                | SCR130KIT   | \$40.45    |
| Hex Bolt Set for Casing                   | 6        | RX05,RX07           | SCR13126KIT | \$40.45    |
| Hex Bolt Set for Casing                   | 8        | RX10                | SCR13128KIT | \$52.45    |
| Hex Bolt Set for Casing                   | 8        | RX15,RX20,RX30,RX50 | SCR1334KIT  | \$64.40    |
| <b>IMPELLERS</b>                          |          |                     |             |            |
| Impeller with integral bushing (GFPP)     | 1        | RC03                | 1MX303      | \$242.65   |
| Impeller (GFPP)                           | 1        | RX05                | 1MX305      | \$344.70   |
| Impeller (GFPP)                           | 1        | RX07                | 1MX307      | \$361.50   |
| Impeller (GFPP)                           | 1        | RX10                | 1MX310      | \$382.90   |
| Impeller (GFPP)                           | 1        | RX15                | 1MX315      | \$1,313.25 |
| Impeller (GFPP)                           | 1        | RX20,RX30           | 1MX320      | \$1,374.20 |
| Impeller (GFPP)                           | 1        | RX50                | 1MX350      | \$2,168.50 |
| Impeller with integral bushing (PVDF)     | 1        | RC03                | 1MX703      | \$430.35   |
| Impeller (PVDF)                           | 1        | RX05                | 1MX705      | \$539.70   |
| Impeller (PVDF)                           | 1        | RX07                | 1MX707      | \$556.65   |
| Impeller (PVDF)                           | 1        | RX10                | 1MX710      | \$580.45   |
| Impeller (PVDF)                           | 1        | RX15                | 1MX715      | \$1,578.65 |
| Impeller (PVDF)                           | 1        | RX20,RX30           | 1MX723      | \$1,643.10 |
| Impeller (PVDF)                           | 1        | RX50                | 1MX750      | \$2,506.30 |
| <b>MOTORS</b>                             |          |                     |             |            |
| Motor (1 Phase) - standard                | 1        | RC03                | 1MXMT03-1   | \$918.20   |
| Motor (3 Phase)                           | 1        | RC03                | 1MXMT03-3   | \$770.45   |
| Motor Mounting Plate                      | 1        | RX50                | 1MXMP50     | \$382.90   |
| <b>SEALS</b>                              |          |                     |             |            |
| Mouth Ring (PTFE)                         | 1        | RX05,RX07           | 1MXMR07     | \$64.40    |
| Mouth Ring (PTFE)                         | 1        | RX10                | 1MXMR10     | \$64.40    |
| Mouth Ring (PTFE)                         | 1        | RX15,RX20,RX30,RX50 | 1MXMR25     | \$64.40    |
| O-ring for 1-1/2" Flange (EPDM) - option  | 1        | RX05 - RX50         | ORX129E70   | \$21.60    |
| O-ring for 1-1/2" Flange (FPM) - standard | 1        | RX05 - RX50         | ORX129V70   | \$26.25    |
| O-ring for 2" Flange (EPDM) - option      | 1        | RX15,RX20,RX30,RX50 | ORX136E70   | \$26.25    |
| O-ring for 2" Flange (FPM) - standard     | 1        | RX15,RX20,RX30,RX50 | ORX136V70   | \$30.90    |
| O-ring for Casing (EPDM) - option         | 1        | RC03                | ORX156E70   | \$30.90    |
| O-ring for Casing (EPDM) - option         | 1        | RX05,RX07           | ORX357E70   | \$27.55    |
| O-ring for Casing (EPDM) - option         | 1        | RX10                | ORX362E70   | \$50.25    |
| O-ring for Casing (EPDM) - option         | 1        | RX15,RX20,RX30,RX50 | ORX365E70   | \$47.75    |
| O-ring for Casing (FPM) - standard        | 1        | RC03                | ORX156V70   | \$40.45    |
| O-ring for Casing (FPM) - standard        | 1        | RX05,RX07           | ORX357V70   | \$34.45    |
| O-ring for Casing (FPM) - standard        | 1        | RX10                | ORX362V70   | \$69.10    |
| O-ring for Casing (FPM) - standard        | 1        | RX15,RX20,RX30,RX50 | ORX365V70   | \$142.70   |
| <b>PUMPS</b>                              |          |                     |             |            |
| Outer Magnet                              | 1        | RC03                | 1MXMG03     | \$382.90   |
| Outer Magnet                              | 1        | RX05,RX07,RX10      | 1MXMG071    | \$675.60   |
| Outer Magnet                              | 1        | RX15,RX20,RX30      | 1MXMG23     | \$1,676.45 |
| Outer Magnet                              | 1        | RX50                | 1MXMG50     | \$2,164.15 |
| Pump Base                                 | 1        | RX05,RX07           | 1MXPB07     | \$64.40    |
| Pump Base                                 | 1        | RX10                | 1MXPB10     | \$97.50    |
| Pump Base                                 | 1        | RX15,RX20,RX30      | 1MXPB23     | \$154.70   |
| Pump Base                                 | 1        | RX50                | 1MXPB50     | \$447.10   |
| Shaft Support                             | 1        | RX10                | 1MXSS10     | \$154.70   |
| Shaft Support                             | 1        | RX15,RX20,RX30,RX50 | 1MXSS25     | \$192.55   |

# T SERIES PARTS

| DESCRIPTION                                   | FOR MODEL NO. | PART NO.  | LIST PRICE |
|-----------------------------------------------|---------------|-----------|------------|
| <b>IMPELLER KITS</b>                          |               |           |            |
| IMPELLER KIT (CPVC) MODEL T2 FOR 1 & 3 PHASE  | T2            | 1T2IMPKIT | \$421.90   |
| IMPELLER KIT (CPVC) MODEL T4 FOR 1 & 3 PHASE  | T4            | 1T4IMPKIT | \$765.30   |
| IMPELLER KIT (CPVC) MODEL T5 FOR 1 & 3 PHASE  | T5            | 1T5IMPKIT | \$765.30   |
| IMPELLER KIT (CPVC) MODEL T6 FOR 1 & 3 PHASE  | T6            | 1T6IMPKIT | \$765.30   |
| IMPELLER KIT (CPVC) MODEL T7 FOR 1 & 3 PHASE  | T7            | 1T7IMPKIT | \$765.30   |
| IMPELLER KIT (CPVC) MODEL T8 FOR 1 & 3 PHASE  | T8            | 1T8IMPKIT | \$780.15   |
| <b>PUMP HEAD KITS</b>                         |               |           |            |
| PUMP HEAD KIT (CPVC) MODEL T2 FOR 1 & 3 PHASE | T2            | 1T2PHKIT  | \$1,151.20 |
| PUMP HEAD KIT (CPVC) MODEL T4 FOR 1 & 3 PHASE | T4            | 1T4PHKIT  | \$1,275.80 |
| PUMP HEAD KIT (CPVC) MODEL T5 FOR 1 & 3 PHASE | T5            | 1T5PHKIT  | \$1,275.80 |
| PUMP HEAD KIT (CPVC) MODEL T6 FOR 1 & 3 PHASE | T6            | 1T6PHKIT  | \$1,275.80 |
| PUMP HEAD KIT (CPVC) MODEL T7 FOR 1 & 3 PHASE | T7            | 1T7PHKIT  | \$1,275.80 |
| PUMP HEAD KIT (CPVC) MODEL T8 FOR 1 & 3 PHASE | T8            | 1T8PHKIT  | \$1,275.80 |

\* GFPP and PVDF spare parts available upon request.

# D, S & C SERIES PARTS

| DESCRIPTION         | FOR MODEL NO. | PART NO.   | LIST PRICE |
|---------------------|---------------|------------|------------|
| <b>IMPELLERS</b>    |               |            |            |
| IMPELLER (CPVC)     | S4            | PK912      | \$500.50   |
| IMPELLER (PVDF)     | S4            | PK912-2    | \$644.40   |
| IMPELLER (PP)       | S4            | PK912-3    | \$469.10   |
| IMPELLER (CPVC)     | SS1           | 16FA00916  | \$167.30   |
| IMPELLER (PVDF)     | SS1           | 16FA2-916  | \$254.10   |
| IMPELLER (PP)       | SS1           | 16FA3-916  | \$164.95   |
| IMPELLER            | SS1           | 16FA6-916  | \$183.25   |
| IMPELLER (CPVC)     | DD1           | 16FA00925  | \$167.30   |
| IMPELLER (PVDF)     | DD1           | 16FA2-0925 | \$254.10   |
| IMPELLER            | DD1           | 16FA6-0925 | \$183.25   |
| IMPELLER (CPVC)     | D1            | 16FA01025  | \$167.30   |
| IMPELLER (PVDF)     | D1            | 16FA2-1025 | \$254.10   |
| IMPELLER            | D1            | 16FA6-1025 | \$183.25   |
| IMPELLER (CPVC)     | S1            | 16FA01070  | \$149.00   |
| IMPELLER (PVDF)     | S1            | 16F2-1070  | \$238.10   |
| IMPELLER (PP)       | S1            | 16F3-1070  | \$149.00   |
| IMPELLER            | S1            | 16F6-1070  | \$164.95   |
| IMPELLER (CPVC)     | S2            | 16FA01072  | \$206.15   |
| IMPELLER (PVDF)     | S2            | 16F2-1072  | \$286.15   |
| IMPELLER (PP)       | S2            | 16F3-1072  | \$233.50   |
| IMPELLER KIT (CPVC) | S8            | PK1078     | \$508.30   |
| IMPELLER KIT (PVDF) | S8            | PK1078-2   | \$627.35   |
| IMPELLER KIT (PP)   | S8            | PK1078-3   | \$696.35   |
| IMPELLER KIT (CPVC) | SS6           | PK1078F    | \$521.95   |
| IMPELLER KIT (CPVC) | SS6           | PK1078F-2  | \$641.15   |
| IMPELLER KIT (PP)   | SS6           | PK1078F-3  | \$581.80   |
| IMPELLER KIT (CPVC) | SS7           | PK1078G    | \$521.95   |
| IMPELLER KIT (PVDF) | SS7           | PK1078G-2  | \$641.15   |
| IMPELLER KIT (PP)   | SS7           | PK1078G-3  | \$581.80   |
| IMPELLER KIT (CPVC) | S5            | PK1089     | \$416.50   |
| IMPELLER KIT (PVDF) | S5            | PK1089-2   | \$657.05   |
| IMPELLER KIT (PP)   | S5            | PK1089-3   | \$448.80   |
| IMPELLER KIT (CPVC) | S16           | PK1091     | \$865.20   |
| IMPELLER KIT (CPVC) | S12           | PK1092     | \$775.90   |
| IMPELLER KIT (CPVC) | S12           | PK1092-45  | \$789.90   |
| IMPELLER KIT (CPVC) | C5, C7, C8    | PK1095-25S | \$430.35   |
| IMPELLER KIT (CPVC) | C5, C7, C8    | PK1095-27S | \$430.35   |
| IMPELLER KIT (CPVC) | C5, C7, C8    | PK1095-30S | \$430.35   |
| IMPELLER KIT (CPVC) | C5, C7, C8    | PK1095-32S | \$430.35   |
| IMPELLER KIT (CPVC) | C5, C7, C8    | PK1095-35S | \$430.35   |

## D, S & C SERIES PARTS (cont.)

| DESCRIPTION           | FOR MODEL NO. | PART NO.     | LIST PRICE |
|-----------------------|---------------|--------------|------------|
| <b>IMPELLERS</b>      |               |              |            |
| IMPELLER KIT (CPVC)   | C5, C7, C8    | PK1095-37S   | \$430.35   |
| IMPELLER KIT (CPVC)   | C5, C7, C8    | PK1095-40S   | \$430.35   |
| IMPELLER KIT (CPVC)   | C5, C7, C8    | PK1095-42S   | \$430.35   |
| IMPELLER KIT (PVDF)   | C5, C7, C8    | PK1095-2-25S | \$476.15   |
| IMPELLER KIT (PVDF)   | C5, C7, C8    | PK1095-2-27S | \$476.15   |
| IMPELLER KIT (PVDF)   | C5,C7,C8      | PK1095-2-30S | \$476.15   |
| IMPELLER KIT (PVDF)   | C5,C7,C8      | PK1095-2-32S | \$476.15   |
| IMPELLER KIT (PVDF)   | C5,C7,C8      | PK1095-2-35S | \$476.15   |
| IMPELLER KIT (PVDF)   | C5,C7,C8      | PK1095-2-37S | \$476.15   |
| IMPELLER KIT (PVDF)   | C5,C7,C8      | PK1095-2-40S | \$476.15   |
| IMPELLER KIT (PVDF)   | C5,C7,C8      | PK1095-2-42S | \$476.15   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-25S | \$434.80   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-27S | \$434.80   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-30S | \$434.80   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-32S | \$434.80   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-35S | \$434.80   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-37S | \$434.80   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-40S | \$434.80   |
| IMPELLER KIT (PP)     | C5,C7,C8      | PK1095-3-42S | \$434.80   |
| MOUNTING PLATE        | S2,S4,S5,S8   | 16FA02173    | \$270.25   |
| CPVC SEAL SLEEVE      | C5,C7,C8      | 16FA82435    | \$27.60    |
| IMPELLER SCREW (CPVC) | C5,C7,C8      | 16FA02458    | \$32.05    |
| IMPELLER SCREW (PVDF) | C5,C7,C8      | 16F2-2458    | \$50.50    |
| IMPELLER SCREW (PP)   | C5,C7,C8      | 16F3-2458    | \$32.05    |
| IMPELLER SCREW (CPVC) | S4,S5         | 16FA02539    | \$25.25    |
| IMPELLER SCREW (PVDF) | S4,S5         | 16F2-2539    | \$50.50    |
| IMPELLER SCREW (PP)   | S4,S5         | 16F3-2539    | \$32.05    |
| IMPELLER SCREW (CPVC) | S8,SS6,SS7    | 16FA02546    | \$32.05    |
| IMPELLER SCREW (PVDF) | S8,SS7,SS6    | 16F2-2546    | \$50.50    |
| IMPELLER SCREW (PP)   | S8,SS7,SS6    | 16F3-2546    | \$32.05    |
| IMPELLER SCREW (CPVC) | S12,S16       | 16FA02548    | \$50.50    |
| <b>PUMP BODIES</b>    |               |              |            |
| BODY (CPVC)           | S1            | 16FA04604    | \$213.00   |
| BODY (PVDF)           | S1            | 16F2-4604    | \$416.50   |
| BODY                  | S1            | 16F6-4604    | \$238.05   |
| END COVER (CPVC)      | S1            | 16FA04605    | \$80.15    |
| END COVER (PVDF)      | S1            | 16F2-4605    | \$91.55    |
| END COVER             | S1            | 16F6-4605    | \$80.15    |
| RETAINER (CPVC)       | S2,SS1,DD1    | 16FA04613    | \$27.60    |
| RETAINER (PVDF)       | S2,SS1,DD1    | 16F2-4613    | \$55.00    |
| RETAINER (PP)         | S2,SS1        | 16F3-4613    | \$32.05    |
| RETAINER              | SS1,DD1       | 16F6-4613    | \$32.05    |
| END COVER (CPVC)      | S2,SS1,DD1    | 16FA04615    | \$89.40    |
| END COVER (PVDF)      | S2,SS1,DD1    | 16F2-4615    | \$119.10   |
| END COVER (PP)        | S2,SS1        | 16F3-4615    | \$89.40    |
| END COVER             | SS1,DD1       | 16F6-4615    | \$89.40    |
| RETAINER (CPVC)       | S6,SS7,S8     | 16FA04623    | \$29.85    |
| RETAINER (PVDF)       | S8,SS6, SS7   | 16F2-4623    | \$55.00    |
| RETAINER (PP)         | S8,SS6,SS7    | 16F3-4623    | \$38.90    |
| END COVER (CPVC)      | S8,SS6,SS7    | 16FA04625    | \$151.15   |
| END COVER (PVDF)      | S8,SS6,SS7    | 16F2-4625    | \$254.10   |
| END COVER (PP)        | S8,SS6,SS7    | 16F3-4625    | \$178.75   |
| RETAINER (CPVC)       | S12           | 16FA04633    | \$38.90    |
| RETAINER (CPVC)       | S4,S5         | 16FA04643    | \$25.25    |
| RETAINER (PVDF)       | S4, S5        | 16F2-4643    | \$38.90    |
| RETAINER (PP)         | S4, S5        | 16F3-4643    | \$29.85    |
| END COVER (CPVC)      | S4, S5        | 16FA04645    | \$119.10   |
| END COVER (PVDF)      | S4, S5        | 16F2-4645    | \$270.25   |
| END COVER (PP)        | S4, S5        | 16F3-4645    | \$158.00   |

## D, S & C SERIES PARTS (cont.)

| DESCRIPTION             | FOR MODEL NO. | PART NO.   | LIST PRICE |
|-------------------------|---------------|------------|------------|
| <b>PUMP BODIES</b>      |               |            |            |
| BODY (CPVC)             | S2            | 16FA84654  | \$286.15   |
| BODY (PVDF)             | S2            | 16FA24654  | \$416.50   |
| BODY (PP)               | S2            | 16FA34654  | \$297.60   |
| SHAFT ASSEMBLY          | S4,S5,S8      | 4657       | \$354.85   |
| BODY (CPVC)             | S8,SS6,SS7    | 16FA84664  | \$597.85   |
| BODY (PVDF)             | S8,SS6,SS7    | 16FA24664  | \$812.70   |
| BODY (PP)               | S8,SS6,SS7    | 16FA34664  | \$627.35   |
| SHAFT ASSEMBLY          | S2            | 4677       | \$270.25   |
| PUMP BODY (CPVC)        | S4,S5         | 16FA85084  | \$569.95   |
| BODY (PVDF)             | S4,S5         | 16FA25084  | \$775.90   |
| BODY (PP)               | S4,S5         | 16FA35084  | \$597.85   |
| END COVER (CPVC)        | S12           | 5095       | \$453.20   |
| SUPPORT BRACKET         | S12           | 16FA05098  | \$238.05   |
| BODY (CPVC)             | S16           | 13RP05103  | \$1,371.05 |
| BODY ASSEMBLY (CPVC)    | S16           | 16FA05104  | \$2,600.80 |
| END COVER (CPVC)        | S16           | 16FA05105  | \$1,073.90 |
| SHAFT ASSEMBLY          | S16           | 5107       | \$519.55   |
| SUPPORT BRACKET         | S16           | 16FA05108  | \$270.25   |
| RETAINING RING (CPVC)   | S16           | 16FA05109  | \$109.95   |
| BODY ASSEMBLY (CPVC)    | S12           | 16FA05134  | \$1,866.05 |
| FLANGE ASSEMBLY (CPVC)  | S12           | 16FA05135  | \$1,087.50 |
| BODY LESS FLANGE (CPVC) | S12           | 16FA05136  | \$835.80   |
| SHAFT                   | S12           | 5137       | \$476.15   |
| FLANGE ASSEMBLY (CPVC)  | S16           | 13RP05145  | \$1,394.55 |
| BODY (CPVC)             | C5            | 16FA05274  | \$297.60   |
| BODY (CPVC)             | C5            | 16FA5274W  | \$322.85   |
| BODY (PVDF)             | C5            | 16F2-5274  | \$535.85   |
| BODY (PP)               | C5            | 16F3-5274  | \$416.50   |
| END COVER (CPVC)        | C5            | 16FA05276  | \$93.85    |
| END COVER (PVDF)        | C5            | 16F2-5276  | \$270.25   |
| END COVER (PP)          | C5            | 16F3-5276  | \$155.70   |
| SHAFT                   | C5,C7,C8      | 16FA5277S  | \$286.15   |
| SEAL RETAINER (CPVC)    | C5,C7,C8      | 16FA05278  | \$45.95    |
| BODY (CPVC)             | C7            | 16FA05284  | \$297.60   |
| BODY (CPVC)             | C7            | 165FA5284W | \$359.40   |
| BODY (PVDF)             | C7            | 16F2-5284  | \$627.35   |
| BODY (PVDF)             | C7            | 162-5284W  | \$682.35   |
| BODY (PP)               | C7            | 16F3-5284  | \$416.50   |
| BODY (PP)               | C7            | 163-5284W  | \$535.85   |
| END COVER (CPVC)        | C7            | 16FA05286  | \$107.70   |
| END COVER (PVDF)        | C7            | 16F2-5286  | \$329.70   |
| END COVER (PP)          | C7            | 16F3-5286  | \$153.50   |
| BODY (CPVC)             | C8            | 16FA05294  | \$297.60   |
| BODY (CPVC)             | C8            | 16FA5294W  | \$391.45   |
| BODY (PVDF)             | C8            | 16F2-5294  | \$657.05   |
| BODY (PVDF)             | C8            | 162-5294W  | \$730.55   |
| BODY (PP)               | C8            | 16F3-5294  | \$416.50   |
| BODY (PP)               | C8            | 163-5294W  | \$514.95   |
| END COVER (CPVC)        | C8            | 16FA05296  | \$109.95   |
| END COVER (PVDF)        | C8            | 16F2-5296  | \$283.90   |
| END COVER (PP)          | C8            | 16F6-5296  | \$137.35   |
| FLANGE ASSEMBLY (CPVC)  | S16           | 13RP05565  | \$1,403.15 |
| MOUNTING BRACKET        | S16           | 16FA05568  | \$329.70   |
| BODY (CPVC)             | SS1           | 16FA06014  | \$297.60   |
| BODY (PVDF)             | SS1           | 16F2-6014  | \$416.50   |
| BODY                    | SS1           | 16F6-6014  | \$343.45   |
| BODY (CPVC)             | DD1           | 16FA06025  | \$297.60   |
| BODY (PVDF)             | DD1           | 16F2-6025  | \$416.50   |
| BODY                    | DD1           | 16F6-6025  | \$343.35   |

## D, S & C SERIES PARTS (cont.)

| DESCRIPTION                   | FOR MODEL NO. | PART NO.   | LIST PRICE |
|-------------------------------|---------------|------------|------------|
| <b>SEALS &amp; HARDWARE</b>   |               |            |            |
| NUT                           | C5,C7,C8      | 16FA005-6  | \$7.00     |
| O-RING                        | S2            | 16FV6-112  | \$18.35    |
| O-RING LOCKING NOSE PIECE     | C8,S4-S16     | 16FV6-113  | \$18.35    |
| SHAFT O-RING                  | S4-S8         | 16FV6-314  | \$29.85    |
| O-RING                        | S12           | 16FV6-317  | \$50.50    |
| O-RING                        | S16           | 16FV6-322  | \$55.00    |
| O-RING                        | S1            | 16FV6-326  | \$41.25    |
| O-RING                        | S2            | 16FV6-330  | \$50.50    |
| O-RING                        | S4,S5         | 16FV6-335  | \$50.50    |
| O-RING                        | S8,SS6,SS7    | 16FV6-341  | \$68.80    |
| O-RING                        | S12           | 16FV6-432  | \$158.00   |
| O-RING (EPDM)                 | C5,C7,C8      | 16FE6-435  | \$245.05   |
| O-RING                        | C5,C7,C8      | 16FV6-435  | \$130.65   |
| O-RING                        | S16           | 16FV6-438  | \$206.15   |
| SHAFT SEAL                    | C5,C7,C8      | PKV20-23   | \$151.15   |
| PTFE/CERAMIC SEAL             | C5,C7,C8      | PKV20-23S6 | \$300.00   |
| PTFE/PINK CERAMIC SEAL        | C5,C7,C8      | PKV20-23S7 | \$920.30   |
| PTFE/CARPENTER 20 SEAL        | C5,C7,C8      | PKV20-23S8 | \$609.15   |
| SHAFT SEAL                    | C5,C7,C8 W/W  | PKE20-24   | \$294.25   |
| SHAFT SEAL                    | C5,C7,C8 W/W  | PKV20-24   | \$300.00   |
| PTFE/CERAMIC SEAL             | C5,C7,C8 W/W  | PKV20-24S6 | \$418.95   |
| PTFE/PINK CERAMIC SEAL        | C5,C7,C8 W/W  | PKV20-24S7 | \$689.30   |
| PTFE/CARPENTER 20 SEAL        | C5,C7,C8 W/W  | PKV20-24S8 | \$689.30   |
| SHAFT SEAL                    | C5,C7,C8      | 16FA029-6  | \$34.35    |
| FUME SEAL (PTFE) (WAS F29-8)  | S12           | U29-138    | \$109.95   |
| FUME SEAL (PTFE) (WAS F29-9)  | S16           | U29-188    | \$109.95   |
| FUME SEAL (PTFE) (WAS F29-29) | SS1,S1        | U29-038    | \$11.55    |
| FUME SEAL (PTFE)              | DD1,D1        | U29-050    | \$13.85    |
| FUME SEAL (PTFE) (WAS F29-11) | S2-S8,SS6,SS7 | U29-112    | \$27.60    |
| RETAINER                      | C5,C7,C8      | U9-15      | \$7.00     |
| O-RING (REPLACES 6-222)       | C5,C7,C8      | U9-297     | \$7.00     |
| SCREW (REPLACES 4-65)         | C5,C7,C8      | U30-74SS   | \$4.65     |
| BOLT (REPLACES 4-162)         | DD1           | U30-489SS  | \$2.45     |
| SCREW (REPLACES 4-64)         | C5,C7,C8      | U30-821SS  | \$4.65     |
| SCREW (REPLACES 4-112)        | C5,C7,C8      | U30-883SS  | \$2.45     |
| SCREW (REPLACES 1-28)         | S16           | U30-886SS  | \$9.35     |
| SCREW (REPLACES 4-31)         | S1            | U30-889SS  | \$4.65     |
| SCREW (REPLACES 4.56)         | C5,C7,C8      | U30-890SS  | \$2.45     |
| SCREW (REPLACES 4.43)         | S1-S8         | U30-893SS  | \$7.00     |
| SCREW (REPLACES 4-103)        | S5            | U30-896ZP1 | \$9.35     |
| SCREW (REPLACES 4-104)        | S16,S12       | U30-897ZP1 | \$9.35     |
| SCREW (REPLACES 4-107)        | S1            | U30-898ZP1 | \$7.00     |
| SCREW (REPLACES 4-111)        | C5,C7,C8      | U30-900SS  | \$2.45     |
| SCREW (REPLACES 4-109)        |               | U30-901SS  | \$13.85    |
| SCREW (REPLACES 4-110)        | S12,S16       | U30-902SS  | \$13.85    |
| WASHER                        | D1,DD1        | U43-16SS   | \$7.00     |
| WASHER                        | D1,DD4        | U43-43SS   | \$7.00     |
| WASHER (REPLACES 1-21)        | S2-S16        | U43-62SS   | \$2.45     |
| WASHER (REPLACES 1-11)        | C5,C7,C8      | U43-108SS  | \$4.65     |
| WASHER (REPLACES 1-31)        | C5,C7,C8      | U43-121BN  | \$13.85    |
| WASHER (REPLACES 1-14)        | C5,C7,C8      | U43-122SS  | \$2.45     |
| WASHER                        | S1,SS1        | U43-123SS  | \$7.00     |

# FLOW METER APPLICATION QUESTIONNAIRE

CO. NAME: \_\_\_\_\_ CONTACT: \_\_\_\_\_

☐ End User      ☐ Contractor      ☐ Distributor      ☐ Consultant      ☐ Municipal      ☐ OEM

ADDRESS: \_\_\_\_\_ TEL: \_\_\_\_\_

EMAIL: \_\_\_\_\_ FAX: \_\_\_\_\_

NAME OF PROJECT (if any): \_\_\_\_\_

DESCRIPTION OF APPLICATION: (Be sure to mention for best Accuracy piping layout 10 diameters before and 5 diameters after the meter)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Objective: \_\_\_\_\_

Piping Material: \_\_\_\_\_ Size: \_\_\_\_\_ Schedule: \_\_\_\_\_ Ends Skt, Thd, Flg

Temp: \_\_\_\_\_

Line Press: \_\_\_\_\_

Concentration %: \_\_\_\_\_

% Solids: \_\_\_\_\_

Flow Rate: \_\_\_\_\_

Available PWR. 110VAC: \_\_\_\_\_ 24VDC: \_\_\_\_\_

## Output Requirements:



**Remember 24VDC Only. (Requires 24VDC-  
We offer 120VAC - 24VDC Power Supplies)**

Analog 4-20 mA Output: \_\_\_\_\_

One Relay Alarm: \_\_\_\_\_ Two Relay Alarm: \_\_\_\_\_ Pulse Output: \_\_\_\_\_

Batch Control: \_\_\_\_\_

Other: \_\_\_\_\_

Additional Notes: \_\_\_\_\_

Are there any    ☐ Filters    ☐ Pumps    ☐ Controls    ☐ Valves    ☐ Gauges    ☐ Level

% Solids: \_\_\_\_\_ If Solids are Present a Filter or Strainer is Recommended.

# LEVEL SENSOR APPLICATION QUESTIONNAIRE

CO. NAME: \_\_\_\_\_ CONTACT: \_\_\_\_\_

☐ End User      ☐ Contractor      ☐ Distributor      ☐ Consultant      ☐ Municipal      ☐ OEM

ADDRESS: \_\_\_\_\_ TEL: \_\_\_\_\_

EMAIL: \_\_\_\_\_ FAX: \_\_\_\_\_

NAME OF PROJECT (if any): \_\_\_\_\_

What is the Process Fluid?: \_\_\_\_\_

Concentration? %: \_\_\_\_\_

Max Fluid Temperature?: \_\_\_\_\_ Low Temp: \_\_\_\_\_

What is the Specific Gravity of Liquid?: \_\_\_\_\_

What is the Tank Height?: \_\_\_\_\_

What is the Process Connection? (2" PVC Recommend Bulkhead? + Junction Box?): \_\_\_\_\_

Where is Process Connection located (Top/Side/Bottom?) Other: \_\_\_\_\_

Is the Process Agitated? (Mixers, Sump Pumps?):      ☐ Yes      ☐ No  
If yes, then a Stand pipe is Recommended.

Is a LED Display and 24VDC Power Supply required to power both the Sensor and Power the 4-20mA signal coming from the Level Transmitter?

Remember 24VDC Power Supply is included with the Display TLV → 120VAC → 24VDC → Sensor → Display

If yes, does the display require...

- |                                    |                              |                             |
|------------------------------------|------------------------------|-----------------------------|
| a) 2 Relay Outputs-(Point Level)   | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| b) 4-20mA Output (Signal Repeater) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| c) 4 Relay Outputs Work Like?      | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

If this is a retrofit (Precision Digital or Flowline) - then the TLM Series Controller is recommended \_\_\_\_\_

# Z SERIES METERING PUMP SELECTION WORKSHEET

We want to help you select the proper metering pump for your application. Please take a few moments to tell us about your requirements. All information is used exclusively by us to provide you with an accurate pump recommendation and is never shared or sold:

CO. NAME: \_\_\_\_\_ CONTACT: \_\_\_\_\_

☐ End User      ☐ Contractor      ☐ Distributor      ☐ Engineer      ☐ Municipal      ☐ OEM

ADDRESS: \_\_\_\_\_ TEL: \_\_\_\_\_

EMAIL: \_\_\_\_\_ FAX: \_\_\_\_\_

NAME OF PROJECT (if any): \_\_\_\_\_

## APPLICATION SPECIFICS:

Chemical To Be Used: \_\_\_\_\_

Concentration: \_\_\_\_\_ %    Viscosity: \_\_\_\_\_ CPS    Specific Gravity: \_\_\_\_\_

Liquid Temperature: \_\_\_\_\_ °F    Pressure at Injection Point: \_\_\_\_\_ ☐ PSI ☐ FT    Pump Capacity: \_\_\_\_\_ GPH

Are there Solids in the Liquid?: ☐ YES ☐ NO    If YES, Concentration of Solids: \_\_\_\_\_ ☐ % ☐ PPM

Is Pump Suction Flooded?: ☐ YES ☐ NO    If NO, Distance to Self Prime: \_\_\_\_\_ FT

## CONTROL REQUIREMENTS:

☐ Manually Adjustable Flow Output Only    ☐ Automatic ON/OFF Control

☐ Automatic Proportional Flow Control via Pulse    ☐ Automatic Proportional Flow Control via 4-20 mA

If Automatic via Pulse or 4-20 mA, What is the Input Signal from?:

☐ Actuator    ☐ Flow Meter    ☐ pH/ORP Controller    ☐ Chlorine Residual Analyzer

☐ Process Controller    ☐ Other: \_\_\_\_\_

## ELECTRICAL & ENVIRONMENTAL REQUIREMENTS:

Power Input:    ☐ 115VAC/230VAC Single Phase    ☐ 12VDC/24VDC

☐ Other: \_\_\_\_\_

Installation Location:    ☐ Indoors    ☐ Outdoors

Other Requirements or Questions: \_\_\_\_\_

Accessory Equipment Required:    ☐ Back Pressure Valve    ☐ Pulsation Dampener    ☐ Multifunction Valve

☐ Pressure Relief Valve    ☐ Calibration Cylinder    ☐ Corp Stop/Nozzle Assy.

☐ Tanks    ☐ Tank Level Alarms/Control

# HAYWARD INDUSTRIAL PUMP SELECTION WORKSHEET

NOTE: All pumps require flooded suction for optimum performance.

MAXIMUM FLOW REQUIRED: \_\_\_\_\_ GPM

HEAD PRESSURE REQUIRED: \_\_\_\_\_ PSI or \_\_\_\_\_ FEET OF HEAD

LIQUID TYPE & CONCENTRATION: \_\_\_\_\_

LIQUID TEMPERATURE: \_\_\_\_\_ F or C

LIQUID SPECIFIC GRAVITY: \_\_\_\_\_ SG

LIQUID VISCOSITY: \_\_\_\_\_ cST or \_\_\_\_\_ SSU

MOTOR VOLTAGE AND PHASE: \_\_\_\_\_ VOLTS, \_\_\_\_\_ PHASE

SPECIALTY MOTOR REQUIRED? Wash-down or Explosion-Proof

ELASTOMER (SEAL) REQUIRED: FPM or EPDM

ADDITIONAL INFORMATION: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

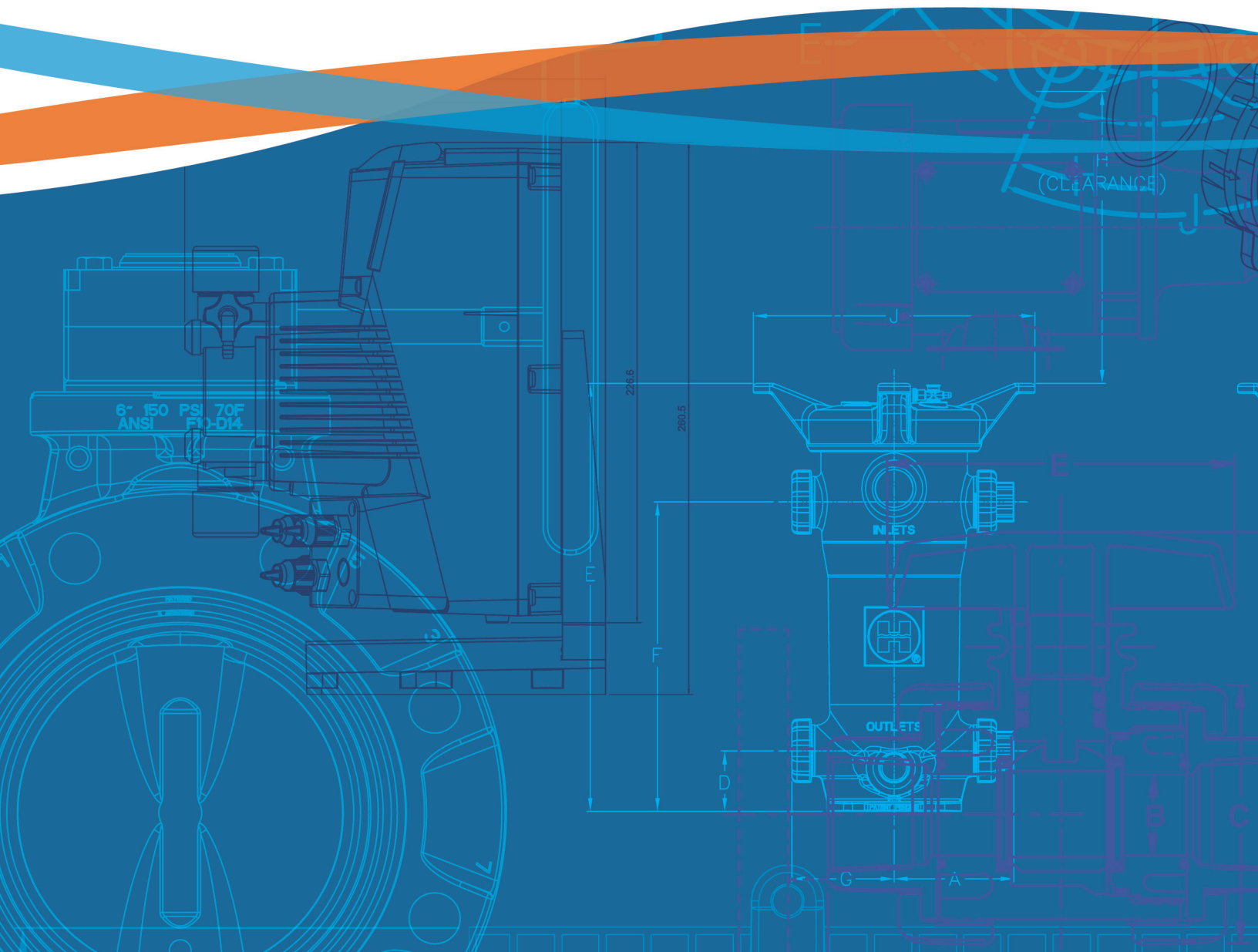
DRAWING OR SCHEMATIC (IF APPLICABLE):

[illegible]



## TERMS AND CONDITIONS OF SALE

1. **SHIPMENTS:** All shipments are F.O.B. Shipping Point. Unless specified, Hayward will use a carrier we believe best able to serve you. Hayward shall not be liable for failure to deliver or delays in delivering occasioned by acts of God, war, labor difficulties, inability to obtain materials or any other causes whatsoever beyond our control.
2. **CLAIMS:** All claims must be made in writing and received by Hayward within 10 days after receipt of merchandise. If a shipment is received in a damaged condition, a claim must be filed with the delivering carrier and noted on the freight bill before you accept the merchandise.
3. **TWO YEAR WARRANTY:** All products manufactured by Hayward are warranted against defects in material or workmanship for a period of two years from date of shipment. Our sole obligation under this warranty is to repair or replace, at our option, any product or any part or parts thereof found to be defective. **HAYWARD MAKES NO OTHER REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** The warranty set forth above is the only warranty applicable to Hayward products and in no event shall Hayward be liable for any delay, work stoppage, cartage, shipping, loss of use of equipment, loss of time, inconvenience, loss of profits of any direct or indirect incidental resulting from or attributable to a breach of warranty. **The remedies under this warranty shall be the only remedies available. OUR MAXIMUM LIABILITY SHALL NOT IN ANY EVENT EXCEED THE CONTRACT PRICE FOR THE PRODUCT.**
4. **RETURNS OF GOODS FOR NON-WARRANTY CLAIM:** Hayward Flow Control will authorize the return of products purchased within the last twelve (12) months in original "like new" packaging of current design, and listed in the current Complete Price Book. All returns must be accompanied by a "Return Goods Authorization" number, which must be obtained from Hayward Flow Control prior to shipment. All returns are subject to inspection upon receipt. No credit will be issued until the returned material has been inspected, accepted and processed. Customers will be contacted if quantity differences and/or non-acceptable material are found during inspection. Credit will reflect only quantities actually received and accepted. Disposition of product(s) not accepted by Hayward Flow Control must be provided by Distributor within 10 business days; otherwise, it will be subject to disposal. Minimum restock charge is \$50.00. All material returns must be received within thirty (30) days of the RGA issuance and shipped freight prepaid. No collect shipments will be accepted. Prepaid freight does not apply to returns due to Hayward Flow Control order entry or shipping errors. Hayward Flow Control will authorize the return of product considered a stock item with a minimum restock charge of 25%. Hayward Flow Control will authorize the return of standard Pump or Actuated product with a minimum restock charge of 40%. Specialty products such as Strainer or Filtration assemblies and Engineered Products are non-cancelable/non-returnable. Restock charges do not apply to returns due to Hayward Flow Control order entry or shipping errors.
5. **RETURNS OF GOODS FOR WARRANTY CLAIM:** When requesting an RGA for product evaluation, the Customer must first complete and submit an In Service Form obtained from Hayward Flow Control Technical Services. Additionally, a Safety Data Sheet (SDS) must be submitted along with the In Service Form to Technical Services prior to receiving a Return Goods Authorization number. All Warranty Claim returns must be accompanied by the SDS, In Service Form and RGA number. Product must be washed and free of service media prior to returning for evaluation. Failure to do so may result in denial of claim and product returned back freight collect. Customers will be contacted if quantity differences and/or non-acceptable material are found during inspection. The Customer will be notified of the evaluation results. If the Warranty Claim is accepted, credit will be issued or replacement product sent. Freight will be credited upon approval of claim. If the Warranty Claim is declined, disposition of product(s) must be provided to Technical Services within 30 business days; otherwise, it will be subject to disposal. Rejected product returned to the Customer will ship freight collect. All warranty claim returns must be received within thirty (30) days of the RGA issuance and shipped freight prepaid. No collect shipments will be accepted.
6. **CANCELLATIONS:** Cancelled orders will be subject to a charge of 30%.
7. **TERMS:** Net 30 days. A 1-1/2% per month service charge, subject to applicable law, will be applied to all past due invoices. You shall be liable for reasonable attorneys' fees incurred by us in collecting any past due invoices.
8. **TAX:** Any Federal or State Excise or Sales Tax for which we may be liable on any sale will be charged to and paid by the buyer. Buyer is responsible for furnishing tax exempt or resale certificate.
9. **FREIGHT ALLOWANCE:** Freight cost will be allowed on orders with a net billing of \$2,000.00 (Canadian Dollars) or more, with our choice of carrier, in the continental United States with the exception of Alaska.
10. **MINIMUM BILLING CHARGE:** \$150.00 net.
11. **PRICING:** Pricing and specifications of products are subject to change without notice. All orders are subject to prior sale and credit approval.
12. **GENERAL:** Any sale shall be governed by the laws of the State of New Jersey (without regard to its conflict of laws rules). Any representation, promise, modification or amendment of these Terms and Conditions of Sale shall not be binding upon us unless in writing and signed on our behalf by a duly authorized representative. The foregoing terms and conditions shall prevail notwithstanding any variance with the terms and conditions of any order submitted by you, unless Hayward expressly consents in writing to such a variance. The terms and conditions are non-transferrable to other parties.



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